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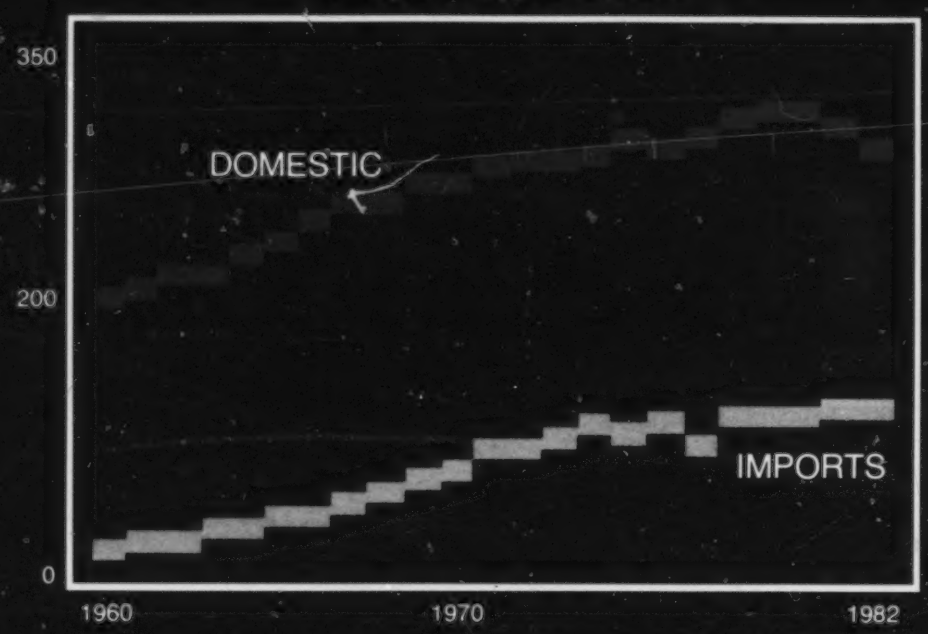
Annual Statistical Review 1982

DISTILLED SPIRITS INDUSTRY

Distilled Spirits Entering Trade Channels

Millions of Liquid Gallons



DISTILLED SPIRITS
COUNCIL OF THE
UNITED STATES

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Annual Statistical Review 1982

DISTILLED SPIRITS INDUSTRY

Compiled and Prepared by
Economics and Statistics
Division
**Distilled Spirits Council
of the United States, Inc.**

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PREFACE

Alcohol beverages contribute substantially to the economy of our country by providing employment to 800,000 people (full-time, equivalent employees) and by meeting widespread demand for spirits, wine, and beer.

In 1982, this demand generated at least $60 billion of retail sales and incomes. The incomes were earned by investors and by workers employed in distilleries, breweries, wineries, and associated enterprises. Farmers also obtained their livelihood by producing the grain, sugar, and fruit used to produce spirits, wine, and beer. Workers and manufacturers of bottles, containers, and printing materials are dependent on this industry, as well as those engaged in wholesaling, retailing, transportation, advertising, and other endeavors that bring distilled spirits to consumers.

And of major importance, federal, state, and local governments obtained $11.7 billion from taxes and fees on the sale of spirits, beer, and wine in 1982. Distilled spirits accounted for a major part, $6.7 billion or 57.5 percent, of total tax revenues. The impact of government on the industry is illustrated by the taxes paid on a typical bottle of distilled spirits—43.8 percent of the retail price in 1982.

As these figures indicate, the distilled spirits industry is heavily taxed.

These are some of the facts that can be gleaned from this *Annual Statistical Review* of the Distilled Spirits Industry. The *Review* contains current and historical data on many aspects of the industry and is published to provide information that can be useful in formulating private and public policies and programs for one of the most regulated and highly taxed commodities in this country.

F. A. Meister
President

FOREWORD

In 1982, apparent consumption of distilled spirits fell 2.6 percent compared with 1981, with spirits entering trade channels declining 4.5 percent. *Per capita* adult consumption dropped 4.1 percent. At the same time that consumption declined, attention was focused on spirits as a source of new government revenues by adding to the extremely high taxes that are already carried by this commodity.

The reduced levels of spirit consumption in 1982 can be attributed in part to the economic recession as well as to high interest rates that prompted liquor retailers and wholesalers to hold lower stocks because of the high cost of carrying inventories. Consumers also depleted their cupboard stocks and bought less as economic conditions pressured their available spendable income and lowered their consumption.

Consumption continued to be reduced in the first quarter of 1983 with a decline of 1.6 percent from the 1982 quarter. Spirits entering trade channels increased 2.3 percent suggesting that the effects on consumption of the recession and high interest rates had begun to modify.

The 4.1 percent reduction of adult consumption in 1982 reduced federal, state, and local revenues by an estimated $181 million. In addition, lower production and sales reduced payrolls and profits, and the taxes collected on these earnings.

Trends for different types of spirits and brands varied. While sales of most types and brands declined, the trend for some was upward. Within the overall 4.5-percent decrease of spirits entering trade channels in 1982, the whiskey category decreased most, by 6.8 percent, while other spirits fell 3 percent. Whiskey continued its relative decline compared with other spirits that started in 1977. In 1977, whiskey and other spirits were about equally divided,but in 1982, the proportion changed to 44 percent whiskey and 56 percent other spirits.

Within the whiskey category, domestic whiskey dropped 7.8 percent between 1981 and 1982 while imported whiskey decreased less, or 5.7 percent, with the smaller volume bonded as well as blended straights down sharply. Foreign whiskey imported in bulk and bottled in the U.S. fared better than foreign bottled whiskey, the latter falling 10.4 percent from the United Kingdom (Scotch) contrasted with a 1.6-percent increase for volume bottled in the U.S. Canadian-bottled whisky decreased 7.0 percent while U.S.-bottled Canadian was down less, 4.8 percent.

All other categories of spirits entering trade channels also declined, except tequila, which rose 5.2 percent. Gin was down 7.4 percent, vodka 1.8 percent, rum 2.0 percent, brandy 4.9 percent, cordials 1.1 percent, and cocktails 8.9 percent.

As a group, *imports of spirits other than whiskey* rose 10.8 percent in contrast to a decline of *domestic non-whiskey spirits* of 5.4 percent. Imports of vodka increased sharply, by 156.0 percent but still remained relatively small. Imported cordials increased 7.0 percent.

These statistics as well as others on production, foreign trade, distribution, consumption, regulations, and other aspects of the distilled spirits industry are contained in this, the 33rd issue of the *Annual Statistical Review,* published since 1940 by the Distilled Spirits Council of the United States, Inc. (DISCUS) and its predecessors.

Every effort has been made to improve the quality of the statistics. For example, beginning with the 1980 statistics on production and distillation shown in Tables 1-3 of the 1980 *Review* and subsequent issues, distillation has been distinguished as only part of total production, particularly of vodka, gin, and cordials. In addition to distillation, total production of many spirit types includes products made from or with grain neutral spirits and alcohol. Because of the ommission of this production, the volume of output has been underestimated, especially for vodka. The 1982 Census of Manufacturers has collected statistics on such production from grain neutral spirits, and they will be incorporated in future issues of the *Review*.

New statistics have been added to this edition including estimated consumer expenditures on the different types of alcohol beverages and per capita adult consumption of

these beverages. On- and off-premise sales of spirits in control states are now included and also fruit used in distillation. Typical retail prices of selected brands in the different states are listed. The glossary has been revised and expanded.

This edition also updates and expands the bibliography of various statistical sources for distilled spirits, first published in the 1981 edition.

Additional statistics on alcohol beverages are available in companion DISCUS publications, particularly *Public Revenues From Alcohol Beverages*. The Economics & Statistics Division of DISCUS, which prepared the *Review*, will be glad to provide information and assistance on the statistics and economics of the distilled spirits industry to the extent possible.

DISCUS thanks the many state, local, and federal agencies, and their officials, for their assistance in providing the statistics for this *Review*.

William Kling, *Director*
Economics & Statistics Division

August 1983

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[1]Approximate locations.

Figure 2. Distilled Spirits Bottling Plants Authorized to Operaate, July 1982[1]

[1] Approximate locations.

DISTILLATION

Distilled spirits plants in the United States are shown in Figures 1 and 2. The largest output of spirits is in Kentucky, followed by Indiana. A concentration of plants in California reflects brandy production and bottling there. Distillation and bottling plants are scattered in 20 other states.

As of July 1982, 19 states had distilleries with whiskey distilleries in 15 states. Kentucky, the chief whiskey producer by far, produced 64.4 million tax or proof gallons of the 91.0 million gallon U.S. total. Distillation in the state increased by six million gallons in 1982 compared with 1981 (Table 4). Indiana and Tennessee's outputs are substantial but are not reported separately because of U.S. Government disclosure rules.

Distillation of U.S. whiskey in 1982 declined 5.9 percent from 1981, reflecting reduced demand. Distillation in 1982 was about one-half the level of 1968, continuing the downward trend of the last decade or so (Figure 3).

Brandy distillation decreased 36.7 percent in 1982 to 15.3 million proof gallons compared with the relatively high level of 24.2 million gallons in 1981. Distillation in the last decade (since 1973) has been at relatively high levels compared with the sixties.

Distillation of rum in the 50 states (excluding Puerto Rico and the U.S. Virgin Islands), declined sharply, by 36.6 percent, from 1.9 to 1.2 million gallons. *However,* Puerto Rico, *the chief supply source, has expanded shipments to the United States greatly in recent years.*

Considerable amounts of vodka especially and gin are produced from grain neutral spirits and alcohol in addition to the direct distillation reported by the U.S. Bureau of Alcohol, Tobacco, and Firearms and shown in Table 3. Bottling of gin and vodka provides a more accurate indication of total vodka and gin production because bottling includes the substantial supplies made from alcohol and grain neutral spirits that are in addition to supplies obtained by direct distillation. (Table 17 provides such bottling statistics.)

The lowest seasonal output of whiskey is usually in the summer. The high seasonal output varies in different years (Table 5). Monthly distillation of whiskey, brandy, and rum in 1981 and 1982 is shown in Table 2.

Materials Used in Distillation

Use of grain by distillers in 1982 rose 56.1 percent over 1981. The use of corn, the chief grain used, increased especially. Use of grain increased alcohol and spirits distillation with much alcohol diverted for fuel and industrial use. Grain used for distillation of beverage alcohol decreased.

Production of distillers' dried grains in 1982 increased 13.3 percent over 1981, totaling 561.8 thousand tons (Table 8). Dried grains are used chiefly for livestock feed.

In addition to grain, 93 million pounds of fruit and 332 million gallons of fruit products were used to produce spirits in 1979, especially of brandy. The chief fruit used is grapes which accounted for about half the poundage and 82 percent of the gallonage. Other fruits included raisins, pineapples, apples, peaches and citrus (Table 10).

Whiskey barrel shipments have declined in the last decade or so as distillation has fallen. Use has followed the trend of distillation. However, in 1982, estimated barrel shipments increased 4.9 percent (Table 9.)

Table 1. Distillation of Whiskey, Brandy, and Rum in the United States, 1934-1982

(000 Tax Gallons)

Calendar Year	Whiskey	Brandy	Rum[a]
1934	107,901	12,475	2,172
1935	184,885	18,921	2,997
1940	111,699	25,631	2,384
1945	101,627	28,996	2,766
1950	174,817	10,795	1,878
1955	120,542	7,008	1,928
1960	148,915	9,054	1,704
1961	145,601	8,870	1,793
1962	112,952	8,816	1,775
1963	104,858	10,213	2,227
1964	112,871	11,013	2,163
1965	126,878	15,881	2,426
1966	128,506	18,549	2,523
1967	153,780	15,227	992
1968	178,049	16,705	1,187
1969	169,875	14,329	903
1970	146,360	15,272	1,108
1971	119,377	13,556	1,011
1972	116,561	12,540	1,781
1973	108,393	16,606	1,162
1974	75,151	22,242	1,574
1975	59,637	20,529	795
1976	79,119	19,287	1,365
1977	80,597	18,504	1,175
1978	79,151	18,588	1,528
1979	101,265	18,552	2,206
1980	84,312	21,926	1,938
1981	96,680	24,235	1,879
1982[b]	90,956	15,329	1,192

[a]Excludes distillation in Puerto Rico and the Virgin Islands.
[b]Preliminary.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Figure 3. Distillation of Whiskey, Brandy, and Rum in the United States, 1965-1982

(Millions of Proof Gallons)

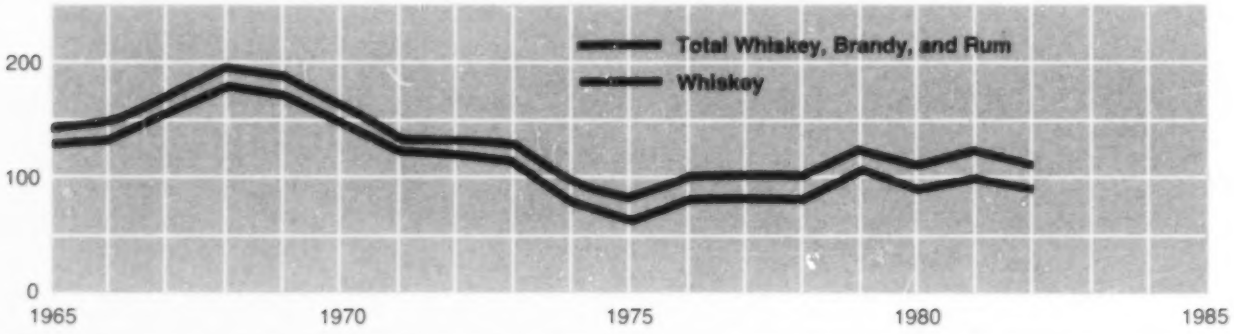

Table 2. Distillation of Whiskey, Brandy, and Rum in the United States, by Month, 1981 and 1982

(000 Tax Gallons)

	Whiskey		Brandy		Rum[a]	
Month	**1982[b]**	**1981**	**1982[b]**	**1981**	**1982[b]**	**1981**
January	7,373	7,380	1,367	3,919	62	88
February	8,877	8,159	1,181	3,334	33	54
March	10,324	12,419	935	1,840	36	93
April	10,202	10,640	254	1,005	156	76
May	7,536	8,436	274	831	238	179
June	7,806	7,376	166	1,302	16	319
July	4,945	3,679	172	809	19	42
August	4,574	4,657	407	753	23	126
September	6,655	6,917	1,370	2,063	14	164
October	8,307	8,804	3,613	2,582	178	282
November	7,726	9,135	3,272	2,726	343	130
December	6,631	9,078	2,316	3,073	75	325
Total	**90,956**	**96,680**	**15,329**	**24,235**	**1,192**	**1,879**

NOTE: Because of rounding, detail may not add to total.

[a] Excluding distillation in Puerto Rico and the U.S. Virgin Islands.

[b] Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 3. Direct Distillation (Partial Production[a]) of Gin and Vodka in the United States, 1934–1982

(000 Tax Gallons)

Calendar Year	Gin	Vodka	Calendar Year	Gin	Vodka
1934	4,704	—	1969	27,737	17,210
1935	5,899	—	1970	27,371	22,180
1940	5,250	—	1971	27,114	22,216
1945	5,544	—	1972	27,640	25,269
1950	6,073	57	1973	27,133	29,776
1955	18,200	4,514	1974	27,235	36,350
1960	18,018	9,242	1975	28,333	34,941
1961	19,904	10,018	1976	25,679	34,967
1962	21,422	9,880	1977	26,328	32,708
1963	22,174	10,589	1978	28,530	38,813
1964	25,387	11,504	1979	27,293	37,369
1965	26,198	13,680	1980[b]	18,952	13,399
1966	27,181	14,383	1981	18,928	10,311
1967	27,352	14,415	1982[c]	16,048	14,309
1968	26,592	15,795			

[a] These data do not include amounts of gin and vodka produced from alcohol and spirits. Direct distillation is an incomplete measure of production; bottling is probably a better measure of production of these two categories (See Table 17).

[b] Data for 1980 are affected by the shift to the all-in-bond system, which may have resulted in some distortions.

[c] Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 4. Whiskey Distillation in the United States by State, 1981 and 1982

(000 Tax Gallons)

State	1982[a] 160° & Under	1982[a] Over 160°	1982[a] Total	1981 Total	Gallonage Change	Percentage Change
Florida	10	145	155	16	139	—
Georgia	55	—	55	113	−58	−51.3
Illinois	493	—	493	845	−351	−41.7
Kentucky	64,252	185	64,437	58,137	6,301	10.8
Missouri	96	—	96	104	−8	−7.7
Other States[b]	21,397	4,321	25,718	37,466	−11,748	−31.4
Total	**86,303**	**4,652**	**90,956**	**96,680**	**−5,725**	**−5.9**

NOTE: Because of rounding, detail may not add to total.
[a]Preliminary.
[b]Includes Indiana, Iowa, Kansas, Maryland, New Jersey, Pennsylvania, Tennessee, Virginia, and Wisconsin.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 5. Whiskey Distillation in the United States by Month, 1971–1982

(000 Tax Gallons)

Month	1971	1972	1973	1974	1975	1976
January	12,687	12,865	10,470	8,634	3,348	6,425
February	12,958	12,280	10,999	8,160	3,793	6,633
March	13,418	13,372	11,887	8,322	4,412	8,561
April	10,473	11,309	11,178	8,817	5,474	9,081
May	8,540	12,108	11,931	9,513	5,131	7,690
June	6,851	9,890	10,777	8,001	4,098	7,407
July	6,579	4,717	5,336	2,898	2,419	3,764
August	5,859	3,626	6,610	3,107	1,222	4,659
September	8,557	6,617	6,954	4,380	5,412	5,915
October	10,791	9,319	6,768	5,566	8,395	7,459
November	11,410	10,515	7,939	3,947	7,869	6,162
December	11,254	9,944	7,543	3,803	8,064	5,364
Total	**119,377**	**116,561**	**108,393**	**75,151**	**59,637**	**79,119**

Month	1977	1978	1979	1980	1981	1982
January	5,807	5,252	8,441	6,770	7,380	7,373
February	6,706	5,399	8,853	7,628	8,159	8,877
March	7,848	5,450	11,055	9,535	12,419	10,324
April	7,785	6,393	10,984	10,296	10,640	10,202
May	8,137	7,774	11,731	9,482	8,436	7,536
June	8,084	6,854	10,981	7,854	7,376	7,806
July	6,143	3,087	3,951	2,720	3,679	4,945
August	6,172	6,055	5,691	4,448	4,657	4,574
September	6,161	7,365	6,751	5,095	6,917	6,655
October	6,990	8,377	8,677	6,747	8,804	8,307
November	5,654	9,211	7,566	6,154	9,135	7,726
December	5,110	7,935	6,584	7,582	9,078	6,631
Total	**80,597**	**79,151**	**101,265**	**84,312**	**96,680**	**90,956**

NOTE: Because of rounding, detail may not add to total.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 6. Grain and Grain Products Used in the United States by the Distilled Spirits Industry, by Type of Grain, 1982[a]

Month	Corn	Rye	Malt	Wheat	Sorghum	Other Grains[b]	Total	
	Thousands of Pounds						000 Pounds	000 Bushels[c]
January	136,257	12,919	9,464	10,371	23,534	9,358	201,903	3,605
February	160,652	13,795	10,012	10,077	22,725	5,549	222,811	3,979
March	225,360	16,904	11,944	10,717	24,472	5,902	295,299	5,273
April	203,269	12,107	11,578	10,302	21,853	7,504	266,614	4,761
May	188,654	11,436	9,196	10,967	23,219	6,983	250,456	4,472
June	182,623	8,906	7,673	11,502	21,605	8,631	240,941	4,303
July	228,191	6,182	6,457	9,933	23,223	10,305	284,291	5,077
August	60,115	5,378	6,006	10,114	20,749	8,214	110,575	1,975
September	270,416	9,156	15,209	11,902	15,077	6,278	328,037	5,858
October	352,277	13,757	10,155	12,216	12,916	11,255	412,577	7,367
November	336,387	12,453	8,973	12,284	21,180	9,601	400,878	7,159
December	360,786	9,421	7,244	13,542	21,793	11,668	424,455	7,580
Total	**2,704,988**	**132,416**	**113,911**	**133,926**	**252,346**	**101,249**	**3,438,837**	**61,408**
Bushels[c] (000)	**48,303**	**2,365**	**2,034**	**2,392**	**4,506**	**1,808**		**61,408**

NOTE: Because of rounding, detail may not add to total.
[a]Preliminary.
[b]Includes 6.3 million pounds or 113 thousand bushels of barley.
[c]Bushel equivalents converted at 56 pounds/bushel.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 7. Grain and Grain Products Used in the United States by the Distilled Spirits Industry, by Type of Grain, 1946–1982

Calendar Year	Corn	Rye	Malt	Wheat	Sorghum	Other Grains	Total	
	Thousands of Pounds						000 Pounds	000 Bushels[a]
1946	1,513,687	167,569	338,159	70,532	212,297	51,463	2,353,706	42,030
1950	2,221,351	384,247	370,657	39,667	237,851	50	3,253,823	58,104
1955	1,341,328	259,266	198,224	10,911	111,289	—	1,921,017	34,304
1960	1,707,043	310,176	253,088	25,557	305,071	—	2,600,934	46,445
1961	2,055,739	274,657	242,462	29,793	138,205	3,656	2,744,514	49,009
1962	1,804,654	222,657	199,519	45,980	82,640	618	2,356,069	42,073
1963	1,494,122	201,128	191,088	46,618	151,928	1,183	2,086,067	37,251
1964	1,542,342	213,181	202,677	48,293	190,110	5,776	2,202,380	39,328
1965	1,550,808	226,546	209,397	54,103	194,830	5,634	2,241,318	40,024
1966	1,614,701	254,535	224,601	64,075	155,614	18,876	2,332,401	41,650
1967	1,954,554	268,699	244,075	58,981	171,527	2,187	2,700,023	48,215
1968	1,907,792	260,658	230,954	62,728	153,919	2,851	2,618,901	46,766
1969	1,808,869	254,799	223,968	84,410	188,367	30,903	2,591,316	46,274
1970	1,646,463	221,194	181,573	47,178	185,258	12,785	2,294,453	40,972
1971	1,322,191	175,057	151,905	44,715	210,293	5,341	1,909,503	34,098
1972	1,367,453	158,996	140,834	50,080	246,070	326	1,963,760	35,067
1973	1,803,333	173,574	136,432	50,207	93,961	2,147	2,259,654	40,351
1974	1,625,352	105,688	104,244	67,710	161,610	—	2,064,604	36,868
1975	926,539	97,435	77,247	88,769	169,339	3,477	1,362,807	24,336
1976	1,128,255	107,546	87,181	119,361	161,049	5,845	1,609,236	28,736
1977	1,138,728	112,359	98,555	126,057	156,195	25,383	1,657,277	29,594
1978	1,147,204	107,087	93,641	91,909	221,782	129,870	1,791,493	31,991
1979	1,331,350	127,791	108,781	108,595	245,283	334,528	2,256,327	40,292
1980	1,394,550	109,429	91,828	140,980	251,689	660,629	2,649,105	47,305
1981	1,546,804	125,294	110,117	145,876	243,523	31,699	2,203,313	39,345
1982[b]	2,704,988	132,416	113,911	133,926	252,346	101,249	3,438,837	61,408

NOTE: Because of rounding, detail may not add to total.
[a]Bushel equivalents converted at 56 pounds/bushel.
[b]Preliminary.
Source: Bureau of Alcohol, Tobacco, Firearms, U.S. Treasury Department.

Table 8. U.S. Production of Distillers' Dried Grains, 1946–1982

(000 Short Tons)

Calendar Year	Dark Grains	Light Grains	Dried Solubles[a]	Total
1946	83.4	135.9	111.2	330.5
1950	232.7	131.0	121.4	485.1
1955	138.0	75.6	54.2	267.8
1960	265.2	36.2	52.8	354.2
1961	289.9	30.6	61.0	381.5
1962	273.9	30.4	48.1	352.4
1963	317.2	26.5	21.9	365.6
1964	355.1	22.3	20.0	397.4
1965	367.3	22.1	20.0	409.4
1966	363.0	28.0	20.8	411.8
1967	398.4	30.3	21.0	449.7
1968	398.2	28.3	15.2	441.6
1969	394.8	32.9	10.5	438.3
1970	386.9	31.7	—	418.4
1971	360.7	17.2	—	378.3
1972	385.1	13.9	—	399.0
1973	431.4	8.8	—	440.3
1974	428.1	11.0	—	439.1
1975	344.6	8.0	—	352.6
1976	371.2	12.0	—	383.4
1977	375.8	11.5	—	387.2
1978	410.5	8.7	—	419.5
1979	501.3	10.5	—	509.7
1980	484.3	4.1	—	488.4
1981	491.9	3.9	—	495.8
1982	[b]	[b]	—	561.8

NOTE: Because of rounding, detail may not add to total.
[a]Dried solubles included with dark grains after 1969.
[b]Breakdown of dark and light grains not available.
Source: Agricultural Marketing Service, Grain Division, U.S. Department of Agriculture.

Table 9. Shipments of Whiskey Barrels in the United States, 1933–1982

Year	Whiskey Barrels (All Sizes)	Year	Whiskey Barrels (All Sizes)
1933	239,717	1961	2,458,191
1934	1,515,017	1962	1,986,209
1935	2,708,836	1963	1,714,197
		1964	2,025,012
1936	3,999,404	1965	2,140,166
1937	2,858,328		
1938	1,809,983	1966	2,222,259
1939	1,711,013	1967	2,598,210
1940	2,203,344	1968	2,371,058
		1969	2,274,992
1941	2,688,087	1970	1,937,500
1942	1,424,576		
1943	296,071	1971	1,575,316
1944	543,551	1972	1,536,785
1945	972,756	1973	1,526,894
		1974	1,170,716
1946	2,157,973	1975	1,104,086
1947	2,138,067		
1948	2,994,086	1976	1,149,893
1949	2,061,254	1977	1,186,396
1950	2,959,500	1978	1,201,793
		1979	1,375,668
1951	2,582,623	1980	1,146,450
1952	1,186,641		
1953	1,725,714	1981	1,286,980
1954	1,836,660	1982[a]	1,350,000
1955	2,013,879		
1956	2,225,734		
1957	2,184,402		
1958	2,135,058		
1959	2,310,711		
1960	2,568,932		

[a]Estimated.
Source: Cooperage Industries of America, Inc.

Table 10. Fruit and Fruit Products Used in the United States by the Distilled Spirits Industry, 1955–1979

Fiscal Year	Grape	Other	Total	Grape	Other	Total
	Thousands of Pounds			Thousands of Gallons		
1955	7,237	17,654	24,891	250,403	17,692	268,095
1960	19,490	39,934	59,424	369,174	16,385	385,559
1961	24,539	38,131	62,670	346,044	15,381	361,425
1962	18,829	51,657	70,487	368,101	18,300	386,401
1963	10,353	46,025	56,378	447,047	13,232	460,278
1964	52,259	49,833	102,091	499,071	13,707	512,778
1965	7,491	44,911	52,402	396,594	23,058	419,652
1966	24,314	49,000	73,313	519,530	17,585	537,115
1967	10,705	49,941	60,646	421,747	43,920	465,667
1968	6,876	36,018	42,894	341,617	22,927	364,544
1969	8,390	31,735	40,125	378,315	27,800	406,115
1970	10,020	33,951	43,971	402,903	24,953	427,855
1971	8,322	31,985	40,307	318,371	31,543	349,914
1972	11,982	41,261	53,243	701,884	25,428	727,313
1973	22,157	34,060	56,217	261,508	25,347	286,855
1974	28,024	32,027	60,051	616,327	32,975	649,302
1975	31,623	28,908	60,531	740,102	35,717	775,819
1976	22,419	24,929	47,348	353,904	58,004	411,908
1977	16,351	40,823	57,174	284,266	67,105	351,371
1978	41,187	18,328	59,515	288,834	48,711	337,545
1979	45,149	47,419	92,568	273,281	58,347	331,629

NOTE: Because of rounding, detail may not add to total.
Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

STOCKS AND WITHDRAWALS

Combined stocks of domestic and imported bulk spirits in bonded storage on Dec. 31, 1982, were 604.4 million proof gallons. This is a decrease of 1.5 percent from 1981 and continues the decline of the last decade, chiefly for whiskey (Figure 4).

Whiskey accounted for 88 percent of all distilled spirits in bonded storage in 1982, with stocks at the year's end 533 million gallons, 1.4 percent less than 1981. Stocks were at their lowest levels since 1947.

In contrast, stocks of brandy, rum, and gin have been at relatively high levels and rising in the last two decades although they declined in 1982. Vodka stocks in 1982 rose sharply to 3.7 million gallons, 192 percent over 1981 (Table 11).

Apparent whiskey usage, based on production and stock changes, is shown in Table 12. Usage is calculated from the change of inventory and production in a given year. Use has trended downward in the last decade or so.

Distilled spirit stocks by month in 1981 and 1982 are shown in Table 13.

Kentucky carried the bulk of whiskey stocks with 60 percent or 319 million of the 533 million gallon total in 1982. Undesignated states held 198 million gallons; statistics for these individual states are not available because of U.S. Government disclosure rules. These states included the large producing states of Indiana, Maryland, New Jersey, Pennsylvania, and Tennessee (Table 14).

Withdrawals

At 311,415,000 proof gallons in 1982, taxable withdrawals of all spirits from bonded premises decreased 2.3 percent from 1981 (Table 15).

Tax-free withdrawals were 56.8 million proof gallons in 1982, 12.4 percent less than 1981 (Table 16). Tax-free withdrawals for export vessels and aircraft as well as tax-free transfers decreased 25.7 percent to 24.0 million gallons, between 1981 and 1982. Tax-free withdrawals for addition to wine rose 2.0 percent to 28.6 million gallons.

Statistics on withdrawals by *spirit class* were discontinued in 1981 by the U.S. Bureau of Alcohol, Tobacco, and Firearms. Only combined withdrawals of all spirits are now available. *Spirits entering trade channels* shown in Tables 24 and 25 can provide an indication of movement for the different classes of spirits similar to the earlier withdrawal statistics.

Figure 4. United States Stocks of Distilled Spirits at Year End, 1965-1982
(Millions of Proof Gallons)

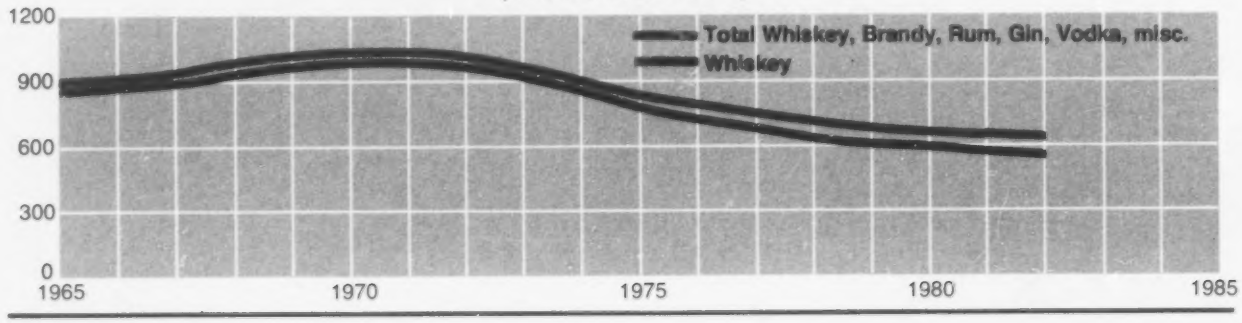

Table 11. Stocks of Distilled Spirits at Distilleries in the United States by Class, Year End, 1934–1982

(000 Proof Gallons)

Year End	Total	Whiskey	Brandy	Rum	Gin	Vodka	Miscellaneous[a]
1934	98,028	91,630	4,724	1,135	394	—	146
1935	215,518	207,154	5,388	2,501	335	—	141
1940	522,723	479,102	17,690	3,468	203	—	22,259
1945	380,534	341,235	13,489	2,049	474	—	23,287
1950	795,295	694,209	11,864	2,286	929	19	85,988
1955	840,648	724,706	14,462	988	1,443	201	98,847
1960	840,364	815,499	22,630	1,030	1,002	202	—
1961	874,590	850,128	22,278	1,066	756	362	—
1962	876,000	850,473	23,317	1,096	956	157	—
1963	869,996	842,399	25,118	1,437	884	158	—
1964	862,416	832,183	27,221	1,809	1,056	146	—
1965	872,900	835,853	33,422	2,167	1,226	232	—
1966	880,555	835,464	41,003	2,737	1,060	290	—
1967	904,575	856,664	43,589	2,546	1,500	277	—
1968	956,440	904,352	47,674	2,549	1,524	341	—
1969	991,418	938,457	48,255	2,445	1,549	690	22
1970	1,008,545	954,583	49,028	2,265	1,775	833	62
1971	996,618	945,799	45,741	2,335	1,617	1,053	73
1972	971,705	924,410	41,138	2,907	2,140	1,002	108
1973	939,696	892,998	40,859	2,798	2,016	816	208
1974	875,754	822,110	45,619	2,934	2,511	2,276	304
1975	793,871	737,393	49,206	2,544	2,609	1,761	358
1976	752,854	692,343	51,288	2,780	2,977	2,901	565
1977	706,685	649,003	51,541	1,850	2,139	1,619	533
1978	662,509	600,615	50,879	2,582	3,258	4,488	686
1979	645,671	581,159	51,984	4,141	2,791	4,768	828
1980	623,257	554,883	55,762	5,154	2,749	4,104	605
1981	613,778	541,067	61,821	5,990	3,069	1,274	557
1982[b]	604,430	533,394	60,676	3,829	2,365	3,724	443

NOTE: Actual gallons in inventory may differ because of differences between original entry volume and final determination of volume, especially for domestic spirits. Also, imported stocks held in U.S. Customs bonded warehouses not included. Because of rounding, detail may not add to total.

[a]Consists of spirits, 1934–1955. After 1958 spirits were reported by BATF under "Alcohol and Spirits." From 1969, consists of "Miscellaneous imports of distilled spirits."

[b]Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 12. Apparent Whiskey Stocks, Distillation, and Usage, 1935–1982

(000 Tax Gallons)

Calendar Year	Inventory as of Jan. 1	Production During Year	Inventory as of Dec. 31	Apparent Whiskey Usage
1935	91,030	184,865	207,154	69,341
1940	465,025	111,699	479,102	97,622
1945	317,413	101,627	341,235	77,805
1950	610,341	174,817	694,209	90,949
1955	707,355	120,542	724,706	103,191
1960	779,443	148,915	815,499	112,859
1961	815,499	142,134	850,128	107,506
1962	850,128	112,950	850,473	112,605
1963	850,473	104,858	842,399	112,932
1964	842,399	112,871	832,183	123,086
1965	832,183	126,878	835,853	123,209
1966	835,853	128,497	835,465	128,885
1967	835,464	153,768	856,664	132,568
1968	856,664	178,049	904,352	130,362
1969	904,352	169,875	938,457	135,771
1970	938,457	146,361	954,583	130,235
1971	954,583	119,410	945,799	128,194
1972	945,799	116,561	924,410	137,950
1973	924,410	108,384	892,998	139,795
1974	892,998	75,150	822,110	146,039
1975	822,110	60,067	737,393	144,783
1976	737,393	79,111	692,343	124,162
1977	692,343	80,597	649,003	123,937
1978	649,003	79,102	600,615	127,491
1979	600,615	101,267	581,159	120,723
1980	581,159	84,312	554,883	110,588
1981	554,883	96,680	541,067	110,496
1982[a]	541,067	90,956	533,394	98,629

NOTE: Because of rounding, detail may not add to total.

[a]Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 13. Stocks of Distilled Spirits in Bonded Storage at Distilleries in the United States by Class, Month End, 1981 and 1982

(000 Proof Gallons)

Month End	Whiskey 160° and Under		Whiskey Over 160°		Brandy		Rum	
	1982[a]	1981	1982[a]	1981	1982[a]	1981	1982[a]	1981
January	469,403	478,621	71,631	74,891	61,744	49,813	4,950	4,693
February	471,381	478,483	71,842	74,984	54,747	59,489	4,922	4,767
March	474,321	481,037	70,970	75,743	60,882	59,981	5,346	5,234
April	476,973	482,564	70,782	75,931	59,956	60,575	5,543	5,062
May	477,262	483,588	69,991	75,273	59,039	51,005	2,345	5,444
June	475,522	482,082	69,957	73,837	57,673	57,553	5,341	5,426
July	476,294	479,477	68,294	71,803	57,055	59,679	5,433	5,796
August	433,296	475,467	67,775	71,724	52,432	57,211	5,192	7,539
September	473,579	471,992	66,011	71,611	53,794	58,496	4,679	5,032
October	471,389	468,989	64,614	70,984	59,062	59,203	3,730	5,052
November	470,270	467,840	63,420	67,281	59,190	59,883	4,266	5,839
December	470,261	468,938	63,133	72,129	60,676	61,821	3,829	5,990

Month End	Gin		Vodka		Miscellaneous		Total	
	1982[a]	1981	1982[a]	1981	1982[a]	1981	1982[a]	1981
January	3,144	2,756	1,594	4,216	499	594	612,964	615,583
February	3,172	3,013	1,748	4,461	507	577	608,319	625,773
March	3,159	3,180	3,228	4,196	497	541	618,403	629,911
April	3,177	3,200	4,181	4,506	452	535	621,064	632,373
May	2,950	3,193	4,664	4,965	472	588	616,723	624,055
June	2,993	3,097	4,913	4,258	442	476	616,841	626,730
July	3,013	2,710	4,401	3,379	475	456	614,965	623,300
August	2,598	2,765	3,824	2,704	482	594	565,600	618,003
September	2,440	2,920	3,944	2,146	487	548	604,934	612,745
October	2,419	2,958	3,820	1,825	493	507	605,528	609,518
November	2,233	3,151	3,852	1,770	445	463	603,677	606,226
December	2,365	3,069	3,724	1,274	443	557	604,430	613,778

NOTE: Actual gallons in inventory may differ because of differences between original entry volume and final determination of volume, especially for domestic spirits. Also imported stocks held in U.S. Customs bonded warehouses not included. Because of rounding, detail may not add to total.

[a] Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 14. Whiskey Stocks in Bonded Storage in the United States, Year End by State, 1981 and 1982

(000 Proof Gallons)

State	Dec. 31		Gallonage Change	Percentage Change
	1982[a]	1981		
California	61	420	−360	−85.6
Florida	175	36	139	383.6
Georgia	615	636	−21	−3.2
Illinois	3,512	5,696	−2,185	−38.3
Kentucky	319,024	307,891	11,133	3.6
Minnesota	25	42	−17	−40.6
Missouri	915	931	−17	−1.8
Ohio	11,446	12,085	−639	−5.3
Other States[b]	197,622	213,330	−15,707	−7.4
Total	**533,394**	**541,067**	**−7,673**	**−1.4**

NOTE: Actual gallons in inventory may differ because of differences between original entry volume and final determination of volume, especially for domestic spirits. Also, imported stocks held in U.S. Customs bonded warehouses not included. Because of rounding, detail may not add to total.

[a] Preliminary.

[b] Includes Hawaii, Indiana, Iowa, Kansas, Louisiana, Maryland, Massachusetts, New Jersey, New Mexico, Oregon, Pennsylvania, Tennessee, Texas, Virginia, Washington, and Wisconsin.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 15. Taxable Withdrawals From Bonded Premises at $10.50 Per Proof Gallon, 1981 and 1982

(000 Tax or Proof Gallons)

Month	Calendar Year 1982	Calendar Year 1981	Gallonage Change	Percentage Change
January	21,529	22,864	−1,335	−5.8
February	21,723	20,980	743	3.5
March	25,646	26,063	−418	−1.6
April	26,004	27,958	−1,954	−7.0
May	22,316	23,278	−963	−4.1
June	27,490	29,916	−2,426	−8.1
July	25,907	27,321	−1,414	−5.2
August	25,575	23,463	2,112	9.0
September	26,845	27,358	−513	−1.9
October	33,404	34,374	−971	−2.8
November	30,678	30,401	277	0.9
December	24,297	24,892	−595	−2.4
Total	**311,415**	**318,870**	**−7,456**	**−2.3**

NOTE: Because of rounding, detail may not add to total.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 16. Tax-Free Withdrawals of Distilled Spirits in the United States, by Usage, 1981 and 1982

(000 Tax or Proof Gallons)

Usage	Calendar Year 1982	Calendar Year 1981	Gallonage Change	Percentage Change
For Addition to Wine				
Brandy	349	313	36	11.6
Other Spirits	28,244	27,722	521	1.9
Total	**28,592**	**28,035**	**558**	**2.0**
Exports, Transfers to Customs, Manufacturer's Bonded Warehouses, Vessels, or Aircraft	23,976	32,249	−8,273	−25.7
U.S. Government, Hospital, Scientific, or Educational Uses (Alcohol)	4,009	4,303	−293	−6.8
Research, Development, or Testing	176	189	−14	−7.1
Total	**56,753**	**64,775**	**−8,022**	**−12.4**

NOTE: Because of rounding, detail may not add to total.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

BOTTLING, SALES, AND SHIPMENTS

U.S. bottling of 370 million wine gallons of distilled spirits in 1982 decreased 4.0 percent from 1981, again reflecting in part the economic recession (Table 17).

Chief bottling states are Kentucky, California, New Jersey, Maryland, Indiana, and Illinois (Table 9). Figure 2 (page 2) shows the approximate locations of bottling plants.

Seasonal distribution of bottling is shown in Table 18 and Figure 6. Peak bottling is usually in the fall.

Whiskey accounted for 41.0 percent of all spirits bottled in 1982, 6.1 percent less than 1981. Blended whiskey fell 7.5 percent, and straight whiskey (mostly bourbon) decreased 7.4 percent (Tables 20 and 21).

Total bottling of other distilled spirits fell less than whiskey or by 2.5 percent. Gin fell 7.9 percent; vodka, 2.2 percent; brandy, 6.4 percent; cordials and liqueurs, 3.6 percent; cocktails and mixed drinks, 8.9 percent. Rum rose 6.6 percent and tequila 5.3 percent. Bottling of miscellaneous spirits increased sharply by 177.5 percent to almost one million gallons.

Of all whiskey bottled in 1982, straight whiskey accounted for 38.6 percent of the total, about the same as in 1972. However, blended whiskey's share decreased to 21.6 percent from 36.3 percent with Canadian increasing from 10.2 percent to 21.4 percent in that period. Scotch increased from 9.9 percent in 1972 to 13.3 percent in 1982.

Bulk imports of whiskey bottled in the United States have increased relative to domestic bottling, accounting for 35.1 percent of the total in 1982 compared with 20.0 percent in 1972 (Table 20).

Spirits Entering U.S. Trade Channels—Whiskey entering U.S. trade channels decreased 6.8 percent between 1981 and 1982, continuing the downward trend of the last decade or so (Tables 24 and 25 and Figure 9). Non-whiskey spirits declined 3.0 percent between 1981 and 1982, but between 1973 and 1982 the increase was 43.7 percent.

Vodka was the largest single spirit class or type sold in 1982 followed by straight (bourbon) whiskey, Canadian whisky, Scotch whisky, gin, cordials, blended whiskey, rum, brandy, and tequila, in that order.

Sales of distilled spirits by class and type in the different states are shown in Tables 22 and 23. Certain types of spirits are preferred in some states. For example, Wisconsin and Minnesota have a preference for brandy while Southern states show a preference for bourbon.

Bottle Sizes—Mandatory conversion to metric sizes for bottling of spirits became effective in January 1980. Bottle sizes are reflected by the strip stamps of the U.S. Bureau of Alcohol, Tobacco, and Firearms that are issued to bottlers (and importers) for the different size bottles, as shown in Table 26. The volume of spirits represented by these stamps is shown in Table 27.

The 200-ml bottle was the most popular size in 1982 followed by the 750-ml and the one-liter bottles. In terms of volume, the one-liter size carried the greatest volume with the 1.75-liter and the 750-ml sizes in second and third places.

Beginning in 1981, certain devices have been used as alternatives to strip stamps with use still very small but growing. Such devices were used to bottle 1,938,000 gallons in 1982, a fraction of the total 411 million gallons that were bottled. Use was up sharply from the 1,130,000 gallons of 1981. Alternative devices have been applied mostly to the smaller 50-ml and 200-ml bottles.

In 1982, a small gallonage of a new 100-ml size was bottled with some prospects for expansion in future years.

Figure 5. Bottling of Total Distilled Spirits, Whiskey, Rum, Gin, and Vodka in the United States, 1965-1982

(Millions of Wine Gallons)

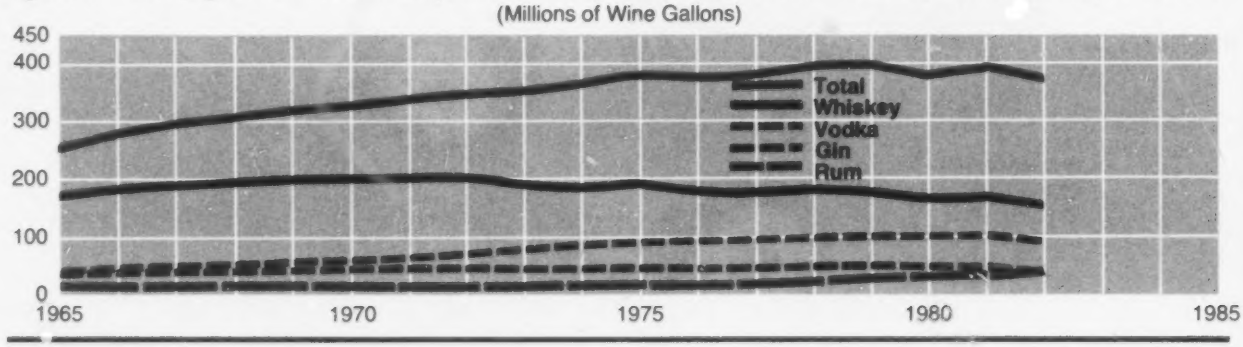

Table 17. Bottling of Distilled Spirits in the United States by Class, 1940-1982

(000 Wine Gallons)

Calendar Year	Total	Whiskey	Brandy	Rum	Gin	Vodka	Cordials, Liqueurs etc.[a]	Cocktails & Mixed Drinks	Tequila	Miscellaneous & Exports
1940	136,904	116,837	1,698	709	14,159	—	3,501	—	—	—
1945	181,462	150,417	3,468	942	16,036	—	10,600	—	—	—
1950	181,595	156,355	2,498	694	15,964	386	5,697	—	—	—
1955	179,405	140,450	3,726	663	20,447	6,968	7,151	—	—	—
1960	203,302	145,114	5,300	804	22,001	19,406	10,677	—	—	—
1961	211,307	147,541	5,760	904	23,604	20,977	12,521	—	—	—
1962	219,750	150,693	6,202	1,041	24,823	23,026	13,965	—	—	—
1963	223,921	150,814	6,982	1,067	25,799	24,945	14,315	—	—	—
1964	243,145	160,895	7,594	1,541	28,957	28,162	15,995	—	—	—
1965	252,708	163,055	8,264	1,625	29,628	31,157	18,980	—	—	—
1966	271,468	173,290	9,288	1,710	31,633	34,704	20,843	—	—	—
1967	286,007	179,722	10,058	1,983	33,055	38,620	22,569	—	—	—
1968	292,758	181,214	10,035	2,181	33,265	41,297	24,467	—	—	—
1969	311,292	192,817	11,479	2,399	34,971	45,299	24,328	—	—	—
1970	313,009	190,510	11,795	2,909	35,122	50,172	22,500	—	—	—
1971	325,576	191,729	12,677	2,793	36,528	56,495	25,354	—	—	—
1972	337,759	193,335	13,046	4,325	36,735	62,845	27,473	—	—	—
1973	339,542	181,933	14,215	4,397	36,952	70,412	31,632	—	—	—
1974	353,911	180,919	13,768	6,511	36,992	79,045	30,040	—	—	6,636
1975	373,449	186,734	13,610	8,072	39,011	86,776	28,077	4,111	2,709	4,349
1976	360,758	168,254	14,711	9,500	36,924	88,591	25,702	9,640	5,821	1,615
1977	367,859	167,386	14,416	11,492	38,770	90,740	27,757	9,894	6,262	1,141
1978	392,032	174,682	14,549	15,650	38,727	94,887	33,362	12,056	6,465	1,653
1979	394,996	170,638	14,762	20,599	39,084	98,211	33,672	10,955	6,725	350
1980	374,758	156,990	13,740	20,715	37,705	94,969	32,679	10,281	7,239	441
1981	385,852	161,629	15,520	21,902	38,514	98,842	32,680	8,504	7,906	355
1982[b]	370,317	151,722	14,528	23,346	35,484	96,673	31,509	7,746	8,324	985

NOTE: Because of rounding, detail may not add to total. Includes imported products bottled after withdrawal from Customs custody.

[a] Includes miscellaneous and products for export before 1974. Includes cocktails and mixed drinks before 1975.

[b] Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Figure 6. United States Bottling of Distilled Spirits, 1981 and 1982

(Millions of Wine Gallons)

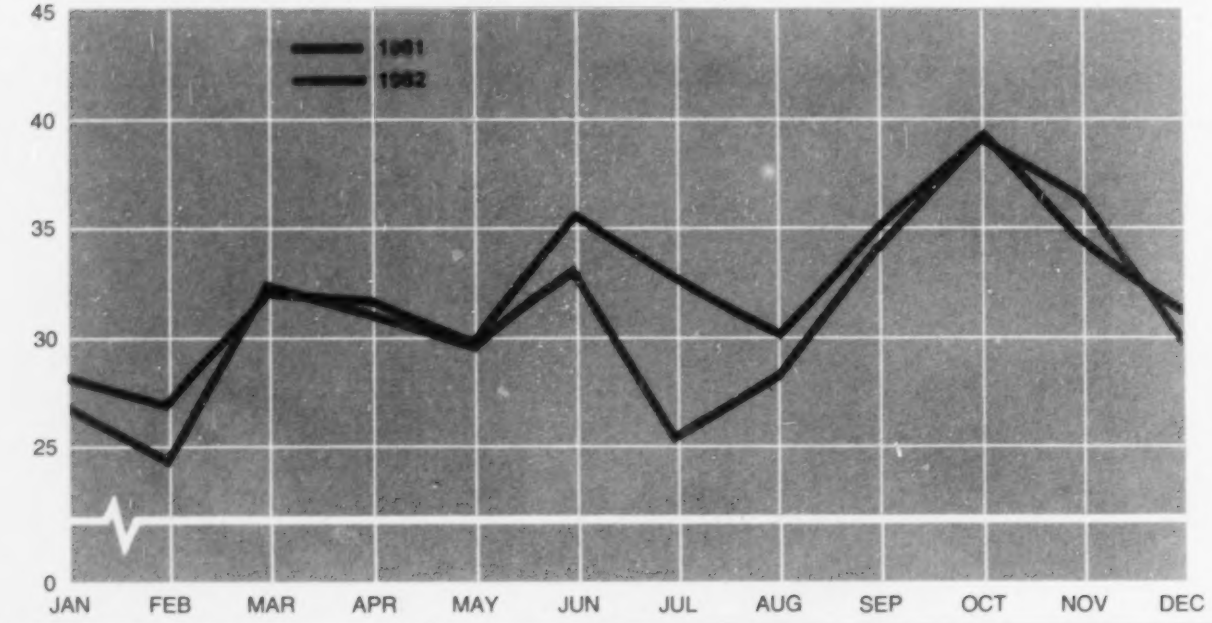

Table 18. Bottling of Distilled Spirits in the United States by Class, 1981 and 1982

(000 Wine Gallons)

	Whiskey		Brandy		Rum		Gin		Vodka	
Month	**1982[a]**	**1981**	**1982[a]**	**1981**	**1982[a]**	**1981**	**1982[a]**	**1981**	**1982[a]**	**1981**
January	9,295	11,878	1,287	1,278	1,762	1,418	3,062	3,133	7,263	6,674
February	10,161	11,217	1,242	1,115	1,576	1,484	2,425	2,481	6,252	6,785
March	13,006	13,047	1,349	1,338	2,095	1,971	3,422	3,361	8,611	8,232
April	13,382	12,490	1,153	1,248	1,616	2,113	2,786	3,743	8,121	8,155
May	12,087	12,315	1,081	1,098	1,700	1,277	2,879	3,085	8,102	8,634
June	13,584	14,958	792	1,363	1,811	1,594	3,396	3,821	9,273	9,247
July	10,437	13,185	1,047	1,239	1,439	1,708	2,408	3,512	7,027	8,807
August	10,580	12,418	1,107	1,096	2,257	1,960	2,845	3,365	7,476	7,485
September	14,649	14,709	1,212	1,208	2,373	2,134	3,031	3,538	8,352	8,705
October	17,704	18,328	1,210	1,616	2,910	2,362	3,146	3,023	8,979	8,966
November	14,944	14,967	1,687	1,552	1,935	1,758	3,318	2,820	9,516	8,615
December	11,893	12,117	1,360	1,368	1,873	2,122	2,765	2,633	7,700	8,538
Total	**151,722**	**161,629**	**14,528**	**15,520**	**23,346**	**21,902**	**35,484**	**38,514**	**96,673**	**98,842**

	Cordials & Liqueurs		Cocktails & Mixed Drinks		Tequila		Miscellaneous		Total	
Month	**1982[a]**	**1981**	**1982[a]**	**1981**	**1982[a]**	**1981**	**1982[a]**	**1981**	**1982[a]**	**1981**
January	2,399	2,467	629	769	598	555	20	22	26,316	28,193
February	2,119	2,472	362	741	478	564	27	42	24,642	26,901
March	2,714	2,828	549	565	652	558	33	8	32,433	31,908
April	2,652	2,555	666	566	638	720	15	24	31,030	31,613
May	2,425	2,107	850	501	664	589	15	15	29,803	29,621
June	2,780	2,848	883	805	687	782	28	21	33,233	35,439
July	1,574	2,543	608	765	734	761	21	22	25,296	32,542
August	2,306	2,337	662	764	767	591	33	29	28,033	30,046
September	3,162	3,044	664	834	671	770	39	74	34,153	35,016
October	3,598	3,629	500	676	804	681	247	37	39,099	39,318
November	3,104	3,027	717	713	951	743	275	37	36,447	34,231
December	2,677	2,823	655	807	680	592	232	23	29,835	31,023
Total	**31,509**	**32,680**	**7,746**	**8,504**	**8,324**	**7,906**	**985**	**355**	**370,317**	**385,852**

NOTE: Because of rounding, detail may not add to total. Includes imported products bottled after withdrawal from Customs custody.
[a]Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 19. Bottling of Whiskey and Other Distilled Spirits in the United States, by State, 1982

(000 Wine Gallons)

State	Whiskey					Other Distilled Spirits	Total Distilled Spirits
	Domestic	Imports	Exports	Bottled in Bond	Total Whiskey		
California	6,822	5,793	18	30	12,662	39,914	52,575
Florida	92	164	—	—	256	18,706	18,962
Hawaii	—	—	—	—	—	59	59
Illinois	1,504	1,300	—	32	2,835	11,333	14,168
Kentucky	45,790	19,636	1,358	1,610	68,394	33,652	102,046
Maryland	6,507	3,198	338	—	10,042	13,562	23,604
Massachusetts	407	514	49	3	973	4,844	5,817
New Jersey	3,644	6,754	99	—	10,498	19,824	30,321
Ohio	1,581	6,911	21	5	8,517	9,989	18,505
Oregon	698	805	—	—	1,504	2,913	4,417
Pennsylvania	1,318	1,955	25	—	3,298	6,583	9,881
Other States[a]	25,762	6,125	681	172	32,741	57,221	89,961
Total	**94,125**	**53,154**	**2,590**	**1,854**	**151,720**	**218,598**	**370,317**

NOTE: Because of rounding detail may not add to total.

[a] Includes Arkansas, Connecticut, Georgia, Indiana, Louisiana, Maine, Michigan, Minnesota, Missouri, New Hampshire, New Mexico, New York, Tennessee, Virginia, Washington, and Wisconsin.

Source: Bureau of Alcohol, Tobacco and Firearms, U.S. Treasury Department.

Table 20. Bottling of Whiskey in the United States by Type, 1939–1982

(000 Wine Gallons)

Calendar Year	Total Whiskey Gallons (000)	Blended[a]		Bonded[b]		Straight[b,c]		Blended Straights[d]		Light[e]		Imported[f]	
		Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total	Gallons (000)	Percentage of Total
1939	106,993	40,301[g]	37.7	9,843	9.2	56,849	53.1	—	—	—	—	—	—
1940	116,837	46,406[g]	39.7	14,027	12.0	56,404	48.3	—	—	—	—	—	—
1945	150,417	125,657	83.5	7,392	4.9	12,053	8.0	5,315	3.6	—	—	—	—
1950	156,355	117,178	74.9	11,860	7.6	26,229	16.8	1,088	0.7	—	—	—	—
1955	140,450	81,494	58.0	12,869	9.2	44,838	31.9	1,249	0.9	—	—	—	—
1960	145,114	74,074	51.0	9,394	6.5	60,852	41.9	793	0.6	—	—	—	—
1961	147,541	73,259	49.7	8,911	6.0	61,741	41.8	888	0.6	—	—	2,743	1.9
1962	150,693	73,312	48.7	8,491	5.6	64,038	42.5	792	0.5	—	—	4,059	2.7
1963	150,814	72,304	47.9	7,993	5.3	64,449	42.7	698	0.5	—	—	5,369	3.6
1964	160,895	74,731	46.4	7,911	4.9	68,817	42.8	758	0.5	—	—	8,678	5.4
1965	163,055	74,054	45.4	7,483	4.6	69,418	42.6	577	0.4	—	—	11,523	7.0
1966	173,290	76,910	44.4	7,736	4.4	73,335	42.3	654	0.4	—	—	14,655	8.5
1967	179,722	76,373	42.5	7,358	4.1	75,939	42.2	1,374	0.8	—	—	18,678	10.4
1968	181,214	75,271	41.5	6,932	3.8	74,037	40.9	2,862	1.6	—	—	22,112	12.2
1969	192,817	78,136	40.5	7,460	3.9	77,462	40.2	2,494	1.3	—	—	27,264	14.1
1970	190,510	73,937	38.8	6,004	3.1	77,895	40.9	752	0.4	—	—	31,922	16.8
1971	191,729	73,154	38.2	4,873	2.5	77,160	40.2	1,485	0.8	—	—	35,057	18.3
1972	193,335	70,103	36.3	4,321	2.2	73,655	38.1	1,346	0.7	5,168	2.7	38,741	20.0
1973	181,933	62,637	34.4	3,823	2.1	71,077	39.1	1,247	0.7	1,265	0.7	41,884	23.0
1974	180,919	61,520	34.0	3,568	2.0	70,184	38.8	1,452	0.8	512	0.3	43,684	24.1
1975	186,734	58,485	31.3	3,994	2.1	69,532	37.2	1,855	1.0	674	0.4	52,195	28.0
1976	168,254	51,960	30.9	3,644	2.2	62,722	37.3	1,118	0.6	433	0.2	48,376	28.8
1977	167,386	51,424	30.7	3,343	2.0	61,834	37.0	1,030	0.6	237	0.1	49,519	29.6
1978	174,682	48,903	28.0	3,315	1.9	64,665	37.0	1,263	0.7	233	0.1	56,303	32.2
1979	170,638	46,131	27.0	4,409	2.6	64,185	37.6	1,254	0.8	168	0.1	54,492	31.9
1980	156,990	39,120	24.9	7,661	4.9	55,857	35.6	1,234	0.8	1,287	0.8	51,831	33.0
1981	161,629	35,398	21.9	2,276	1.4	63,288	39.2	1,789	1.1	4,153	2.6	54,726	33.9
1982[h]	151,722	32,745	21.6	1,854	1.2	58,615	38.6	1,143	0.8	4,167	2.7	53,199	35.1

NOTE: Because of rounding, detail may not add to total. Domestic bottling includes bulk products bottled after withdrawal from Customs custody. Also includes products bottled at rectifying plants and at tax-paid bottling houses, plus bottled in bond.

[a] Represents blends of whiskeys containing at least 20-percent straight whiskey in combination with whiskey (includes light whiskey) or neutral spirits, including blends of light whiskey.

[b] Beginning October 1980, bottled in bond is for domestic use only; bottled in bond for export included in straights. Bottled in bond for January-September 1980 includes bottled in bond for export and probably includes some straight whiskey reported as bonded because of misunderstanding of the new all-in-bond system.

[c] Before 1961, includes imported products bottled after withdrawal from Customs custody.

[d] Represents blends of straight whiskeys, all of which are 4 years old or older and which do not include neutral spirits or light whiskey; includes rectified whiskey exempted from rectification tax.

[e] Bottling of light whiskey not permitted before July 1972.

[f] 1961–1964 converted from proof to wine gallons at 86 proof; 1965-June 1975 converted from proof gallons at 82 proof. Reported in wine gallons after June 1975.

[g] Includes blends of straight whiskey.

[h] Preliminary.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Figure 7. Distilled Spirits—United States Bottling by Class, 1970 and 1982

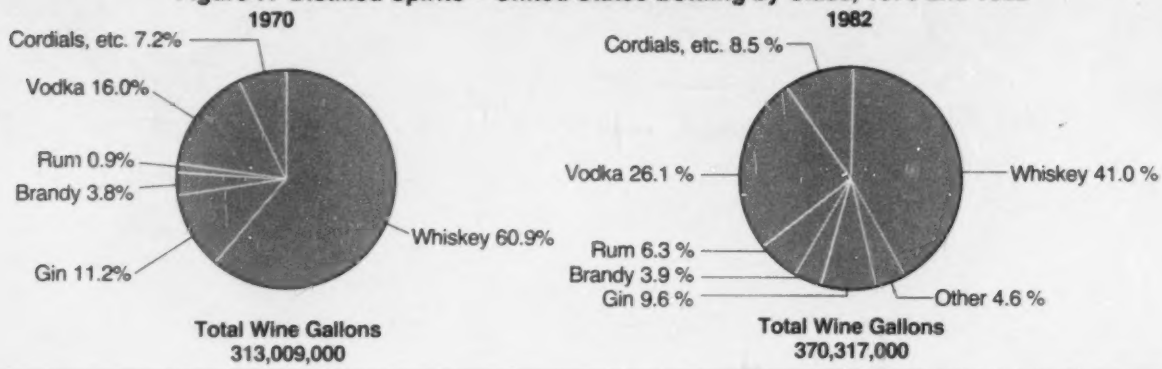

Figure 8. Whiskey—United States Bottling by Type, 1970 and 1982

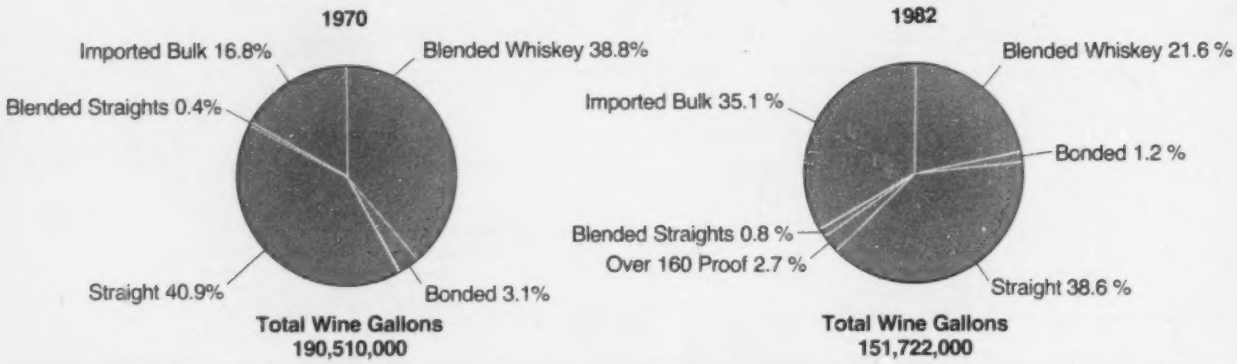

Table 21. Bottling of Distilled Spirits in the United States, by Class and Type, 1981 and 1982

(000 Wine Gallons)

Class and Type	1982[a] Wine Gallons (000)	1982[a] Percentage of Class	1982[a] Percentage of Total	1981 Wine Gallons (000)	1981 Percentage of Class	1981 Percentage of Total	Gallonage Change	Percentage Change
Domestic Whiskey								
Blended Whiskey[b]	32,745	21.6	8.8	35,398	21.9	9.2	−2,652	−7.5
Bonded[b]	1,854	1.2	0.5	2,276	1.4	0.6	−422	−18.6
Straight	58,615	38.6	15.8	63,288	39.2	16.4	−4,674	−7.4
Over 160[c]	4,167	2.7	1.1	4,153	2.6	1.1	14	0.3
Blended Straights[c]	1,143	0.8	0.3	1,789	1.1	0.5	−646	−36.1
Total	98,523	64.9	26.6	106,903	66.1	27.7	−8,380	−7.8
Imported Bulk Whiskey								
Scotch	20,232	13.3	5.5	19,915	12.3	5.2	317	1.6
Canadian	32,482	21.4	8.8	34,121	21.1	8.8	−1,639	−4.8
Other	485	0.3	0.1	691	0.4	0.2	−205	−29.7
Total	53,199	35.1	14.4	54,726	33.9	14.2	−1,527	−2.8
Total Whiskey	**151,722**	**100.0**	**41.0**	**161,629**	**100.0**	**41.9**	**−9,907**	**−6.1**
Gin	35,484		9.6	38,514		10.0	−3,030	−7.9
Vodka	96,673		26.1	98,842		25.6	−2,169	−2.2
Rum[d]	23,346		6.3	21,902		5.7	1,445	6.6
Brandy	14,528		3.9	15,520		4.0	−992	−6.4
Cordials, Liqueurs, etc.	31,509		8.5	32,680		8.5	−1,171	−3.6
Cocktails & Mixed Drinks	7,746		2.1	8,504		2.2	−758	−8.9
Tequila	8,324		2.2	7,905		2.0	418	5.3
Miscellaneous	985		0.3	355		0.1	630	177.5
Total Non-Whiskey	**218,595**		**59.0**	**224,223**		**58.1**	**−5,627**	**−2.5**
Total Distilled Spirits	**370,317**		**100.0**	**385,852**		**100.0**	**−15,535**	**−4.0**

NOTE: Because of rounding, detail may not add to total. Domestic bottling includes bulk products bottled after withdrawal from Customs custody. Also includes products bottled at rectifying plants and at tax-paid bottling houses, plus bottled in bond. Beginning January 1980 includes bottled in bond for export, which was formerly reported separately. Other bottling for export included from May 1970 to the present.

[a]Preliminary

[b]Beginning October 1980, bottled in bond is for domestic use only; bottled in bond for export included in straights. Bottled in bond for January-September 1980 includes bottled in bond for export and probably includes some straight whiskey reported as bonded because of misunderstanding of the new all-in-bond system.

[c]Represents blends of straight whiskies, all of which are 4 years old or older and which do not include neutral spirits or light whiskey; includes rectified whiskey exempted from rectification tax.

[d]Represents all rum bottled in the 50 states including bulk rum from Puerto Rico and the Virgin Islands.

Source: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 22. Sales of Distilled Spirits: Retail Sales in Control States,[a] Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1982

(Wine Gallons)

STATE	WHISKEY													
	Bonded Bourbon	Bonded Rye	Straight Bourbon	Straight Rye	Straight Blends	Blended Whiskey	Blended Light	Light	Other[b]	Total Domestic	Scotch	Canadian	Other[c]	Total Imported	Total All Whiskey
CONTROL STATES: (Gallonage Sales at State Stores)															
Alabama	21,044	763	1,501,190	840	—	457,788	—	95,872	12,421	2,089,918	322,368	628,037	2,346	952,751	3,042,669
Idaho	2,358	338	195,862	451	—	104,476	—	—	225	303,710	73,829	331,294	2,367	407,510	711,220
Iowa	6,888	—	498,662	591	—	529,147	—	10,333	63	1,045,484	210,565	612,503	2,213	825,281	1,870,765
Maine	2,293	—	104,854	948	—	355,704	1,016	—	161	464,976	113,696	379,728	2,879	496,303	961,279
Michigan	29,288	400	939,748	4,954	—	2,211,047	421	—	11,242	3,197,100	1,153,966	2,997,693	12,491	4,164,150	7,361,250
Mississippi	29,882	—	1,220,830	1,070	—	391,536	—	—	5,901	1,649,219	215,965	572,394	1,361	789,720	2,438,939
Montana	1,828	—	215,611	782	—	89,449	—	11	141	307,822	69,401	375,441	1,721	446,563	754,385
New Hampshire	10,132	—	245,041	1,140	—	559,793	—	—	—	816,106	445,730	585,017	8,258	1,039,005	1,855,111
North Carolina	39,265	2,045	2,351,996	579	—	650,605	—	74,125	41,709	3,160,324	628,882	1,412,302	5,128	2,046,312	5,206,636
Ohio	106,198	—	1,763,622	5,152	—	1,695,329	8	—	13,931	3,584,240	1,123,172	2,327,079	14,628	3,464,879	7,049,119
Oregon	4,823	614	523,811	2,934	—	492,063	—	—	799	1,025,044	275,613	835,566	15,351	1,126,530	2,151,574
Pennsylvania	56,068	2	1,217,958	30,975	—	2,688,807	3,129	—	5,333	4,002,272	1,290,148	2,423,465	25,639	3,739,250	7,741,522
Utah	3,978	175	236,521	—	—	50,567	—	2,613	185	294,059	91,269	374,917	1,571	467,757	761,816
Vermont	1,678	—	67,369	502	—	101,787	—	—	5	171,341	114,842	204,322	3,895	322,859	494,200
Virginia	38,591	—	2,589,461	3,311	—	510,200	—	—	19,494	3,161,060	863,384	842,878	13,597	1,719,859	4,880,919
Washington	25,127	—	755,912	7,628	—	788,569	—	—	3,086	1,580,322	553,988	1,804,285	34,246	2,392,517	3,972,839
West Virginia	13,653	472	583,598	664	—	231,254	—	—	3,292	832,933	98,907	356,292	1,287	456,486	1,289,419
Wyoming	1,088	—	179,257	405	—	53,738	—	—	484	234,972	71,569	268,846	1,493	342,008	576,980
Total Control States	**393,982**	**4,809**	**15,191,323**	**62,926**	**—**	**11,961,862**	**4,574**	**182,954**	**118,472**	**27,920,902**	**7,717,190**	**17,322,059**	**150,491**	**25,199,740**	**53,120,642**
LICENSE STATES: (Reporting Class & Type Breakdown)															
Arizona	5,429	—	801,102	2,809	—	414,995	—	12,367	59	1,236,755	530,731	516,560	7,048	1,054,339	2,291,094
Colorado	8,423	—	1,269,257	3,630	—	345,016	—	1,389	847	1,628,542	583,096	634,158	17,190	1,334,444	2,962,986
Connecticut	10,799	—	261,319	602	—	749,791	—	—	614	1,043,325	740,710	498,476	13,911	1,253,097	2,296,422
Delaware	13,172	—	121,503	506	—	181,580	—	—	377	317,138	140,584	233,739	3,092	377,415	694,553
District of Columbia	12,388	—	359,570	894	—	52,944	—	2,460	1,172	429,428	416,753	162,555	11,972	591,280	1,020,708
Florida	69,298	—	3,205,405	6,728	—	2,000,490	—	3,173	4,161	5,289,255	3,989,866	3,103,300	30,169	7,123,335	12,412,590
Georgia	55,229	40	1,608,266	1,787	—	731,823	—	10,783	37,624	2,445,552	945,921	1,648,699	6,945	2,601,565	5,047,117
Indiana	78,653	4	1,080,055	2,139	—	904,287	—	9,127	133	2,074,398	353,379	1,303,176	5,927	1,662,482	3,736,880
Kansas	11,945	—	957,956	720	—	149,533	—	3,487	1,470	1,125,111	312,908	447,404	2,422	762,732	1,887,843
Kentucky	207,546	344	1,919,116	455	18,707	448,186	1,693	6,401	4,596	2,607,044	253,814	375,817	2,865	632,496	3,239,540
Louisiana	86,126	—	1,827,764	2,351	—	360,507	—	693	782	2,278,223	813,100	1,159,193	6,333	1,978,626	4,256,849
Maryland	54,165	2,482	1,308,307	51,574	48,530	784,447	—	191	26,583	2,276,279	1,101,570	1,303,442	24,217	2,429,229	4,705,508
Massachusetts	18,781	—	560,953	1,863	—	1,434,343	—	—	421	2,036,161	1,041,418	1,392,996	28,895	2,463,309	4,499,470
Minnesota	4,745	—	410,725	1,985	—	516,248	—	1,683	62	935,448	443,571	1,727,564	6,763	2,177,898	3,113,346
Missouri	42,996	—	1,616,441	1,775	—	379,031	—	23,794	1,077	2,065,114	671,207	991,631	8,944	1,671,982	3,737,096
Nebraska	3,074	—	389,951	609	—	187,129	—	—	201	540,964	229,906	534,198	2,003	766,107	1,307,071
Nevada	1,664	—	489,188	923	—	209,785	—	65,234	317	767,111	356,137	653,395	6,040	1,015,572	1,782,683
New Mexico	1,997	—	467,531	1,053	—	155,695	—	41,244	137	667,657	157,669	247,685	3,717	409,051	1,076,708
North Dakota	419	—	79,326	214	—	73,254	—	666	194	154,073	40,692	501,782	472	542,926	696,999
Oklahoma	31,872	62	1,244,483	2,229	—	176,582	—	27,773	6,537	1,489,538	497,785	1,137,805	4,037	1,639,627	3,129,165
Rhode Island	3,681	—	67,922	250	—	235,335	—	583	150	27,901	206,256	144,098	4,825	355,179	683,080
South Carolina	23,769	—	938,227	1,124	—	280,559	—	9,415	9,729	1,262,823	362,632	988,958	3,063	1,354,653	2,617,476
South Dakota	472	—	109,163	357	—	77,000	—	4,564	66	191,622	48,782	513,229	604	562,615	754,237
Texas	242,110	—	5,596,094	7,479	—	1,096,452	—	24,076	4,408	6,970,849	2,784,668	2,926,361	30,861	5,741,890	12,712,539
Wisconsin	6,803	—	544,580	80,447	—	956,798	—	1,110	782	1,570,520	348,819	560,850	6,581	916,250	2,486,770
License States Reporting—Total	**995,556**	**2,932**	**27,274,204**	**154,497**	**67,237**	**12,881,840**	**1,693**	**250,173**	**102,499**	**41,730,631**	**17,471,972**	**23,707,231**	**238,896**	**41,418,099**	**83,148,730**
All Reporting States—Total	**1,389,538**	**7,741**	**42,465,527**	**217,423**	**67,237**	**24,843,702**	**6,267**	**433,127**	**220,971**	**69,651,533**	**25,189,162**	**41,039,290**	**389,387**	**66,617,839**	**136,269,372**

Table 22, Cont'd. Sales of Distilled Spirits: Retail Sales in Control States,[a] Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1982

(Wine Gallons)

STATE	Non-Whiskey: Gin	Vodka	Rum	Brandy[c]	Cordials, etc.	Cocktails	Tequila	Total Non-Whiskey	Total Domestic Distilled Spirits	Total Imported Distilled Spirits	Not Classified	Jan-Dec 1982 Grand Total Distilled Spirits	Jan-Dec 1981 Grand Total Distilled Spirits
CONTROL STATES: (Gallonage Sales at State Stores)													
Alabama	736,529	1,007,418	354,240	65,303	107,577	30,861	68,164	2,370,092	4,298,692	1,114,069	—	5,412,761	5,482,814
Idaho	80,436	265,951	79,998	32,532	136,431	8,834	41,370	645,552	843,615	513,157	—	1,356,772	1,390,535
Iowa	192,902	738,913	146,217	61,660	518,420	47,254	70,355	1,775,721	2,662,155	984,331	—	3,646,486	3,645,561
Maine	156,208	460,830	225,711	30,418	347,482	36,047	17,276	1,273,972	1,621,137	614,114	—	2,235,251	2,283,871
Michigan	1,442,375	3,887,050	1,363,310	772,027	2,029,968	140,587	150,977	9,786,294	11,798,2220	5,349,324	—	17,147,544	17,510,482
Mississippi	472,368	500,200	193,958	45,593	96,937	60,435	34,403	1,403,894	2,943,155	899,678	—	3,842,833	3,913,817
Montana	99,952	255,990	83,528	96,479	214,526	10,670	30,226	791,371	1,005,747	540,009	—	1,545,756	1,575,908
New Hampshire	423,300	872,835	307,955	106,813	650,515	85,114	26,132	2,472,664	2,906,112	1,421,663	—	4,327,775	4,419,058
North Carolina	685,544	2,758,678	703,522	88,086	283,533	69,222	79,357	4,667,942	7,572,522	2,302,056	—	9,874,578	9,888,503
Ohio	1,603,214	2,255,205	909,754	277,123	1,080,625	268,087	141,626	6,535,634	9,436,968	4,190,464	42,679	13,627,432	14,040,640
Oregon	305,677	1,049,872	264,859	170,009	375,992	28,979	144,681	2,340,069	3,005,984	1,485,659	—	4,491,643	4,705,567
Pennsylvania	1,599,801	3,428,153	908,088	366,085	1,913,120	129,097	79,168	8,423,512	11,484,563	4,680,471	—	16,165,034	16,852,765
Utah	50,799	350,184	103,272	22,344	80,375	19,474	35,243	671,691	886,471	547,036	—	1,433,507	1,498,914
Vermont	133,947	265,947	86,680	29,437	205,755	16,952	10,269	748,987	785,486	457,701	—	1,243,187	1,327,220
Virginia	1,014,070	1,894,006	824,776	110,082	410,968	117,156	91,565	4,462,623	7,253,513	2,090,029	—	9,343,542	9,450,690
Washington	559,526	1,807,013	523,468	219,165	680,775	100,912	261,797	4,152,656	4,963,617	3,161,878	—	8,125,495	8,518,113
West Virginia	133,850	361,181	95,344	13,474	120,255	18,061	17,750	759,915	1,532,702	516,632	—	2,049,334	2,444,600
Wyoming	53,652	181,102	75,074	28,463	152,605	15,940	29,138	535,974	683,418	429,536	—	1,112,954	1,147,208
Total Control States	**9,754,150**	**22,340,528**	**7,249,754**	**2,535,093**	**9,405,859**	**1,203,682**	**1,329,497**	**53,818,563**	**75,684,077**	**31,297,807**	**42,679**	**106,981,884**	**110,276,266**
LICENSE STATES: (Reporting Class & Type Breakdown)													
Arizona	347,701	1,088,518	372,321	172,837	456,420	99,776	203,762	2,741,335	3,527,301	1,506,809	1,881	5,034,110	5,130,736
Colorado	465,480	1,299,362	502,203	167,998	802,142	89,823	238,651	3,565,659	4,426,636	2,110,617	8,606	6,537,253	6,686,132
Connecticut	740,988	915,165	467,044	140,808	977,857	105,643	37,063	3,384,568	3,759,888	1,921,265	143	5,681,153	6,190,308
Delaware	226,233	321,057	104,505	43,179	144,062	33,036	7,208	879,280	1,101,401	474,493	2,061	1,575,894	1,651,809
District of Columbia	265,289	591,540	385,854	165,649	145,252	19,226	23,223	1,596,033	1,752,315	865,088	662	2,617,403	2,964,621
Florida	3,103,568	6,198,910	2,219,632	756,427	1,764,011	332,218	373,323	14,748,089	17,786,903	9,393,566	19,790	27,180,469	27,670,998
Georgia	1,642,631	2,494,031	801,940	568,066	369,877	94,943	142,237	5,913,745	7,731,616	3,245,623	16,377	10,977,239	11,119,177
Indiana	603,773	1,597,035	485,883	150,132	664,254	77,076	97,768	3,675,921	5,356,481	2,058,738	2,418	7,415,219	7,698,853
Kansas	175,154	466,542	157,575	50,149	243,062	48,164	66,260	1,206,906	2,177,896	925,496	8,643	3,103,392	3,181,614
Kentucky	402,988	916,134	271,876	93,295	192,015	87,442	64,116	2,027,866	4,453,275	825,769	11,638	5,279,044	5,185,796
Louisiana	807,096	605,198	605,498	149,222	472,038	107,785	98,945	2,845,782	4,613,764	2,497,025	8,158	7,110,789	7,049,744
Maryland	1,171,595	2,087,106	1,209,351	451,284	757,109	249,939	69,633	5,996,017	7,689,938	3,056,076	44,489	10,746,014	12,121,975
Massachusetts	890,905	2,042,848	833,748	392,781	2,259,332	131,303	69,742	6,620,659	7,237,607	3,882,775	253	11,120,382	11,303,652
Minnesota	344,525	802,749	352,139	1,527,201	511,770	48,593	99,939	3,686,916	4,280,999	2,519,263	—	6,800,262	7,377,408
Missouri	546,675	696,988	357,567	147,495	541,751	130,534	96,687	2,517,697	4,145,701	2,112,718	3,626	6,258,419	6,892,274
Nebraska	134,875	464,306	129,286	42,451	314,812	23,254	57,383	1,166,367	1,550,476	927,633	4,671	2,478,109	2,655,631
Nevada	306,279	1,087,783	189,625	260,064	466,068	56,609	147,188	2,513,616	2,789,514	1,517,701	10,916	4,307,215	4,510,685
New Mexico	113,195	410,869	181,584	31,480	176,250	68,537	96,624	1,080,559	1,580,976	579,794	3,503	2,160,770	2,175,189
North Dakota	56,592	203,291	77,491	122,728	166,919	23,342	23,928	674,291	784,579	594,410	7,699	1,378,989	1,393,325
Oklahoma	295,679	811,496	288,654	141,055	308,166	70,269	167,002	2,072,321	3,244,318	1,969,277	12,109	5,213,595	6,451,981
Rhode Island	183,917	462,618	121,298	84,033	381,221	47,881	10,192	1,291,160	1,372,071	604,733	2,564	1,976,804	1,949,557
South Carolina	922,223	1,727,098	419,201	88,670	175,033	58,337	50,870	3,441,432	4,526,524	1,544,374	11,990	6,070,898	6,286,907
South Dakota	45,513	199,472	49,848	38,761	136,268	19,563	19,017	508,445	663,109	604,130	4,557	1,267,239	1,358,286
Texas	1,761,077	4,091,770	1,511,534	536,360	1,545,296	460,252	1,047,355	10,953,644	15,533,458	8,161,396	28,671	23,694,854	23,607,189
Wisconsin	753,046	1,595,749	320,396	2,933,387	1,249,500	63,180	135,641	7,050,899	8,094,325	1,446,241	2,897	9,540,566	10,524,728
License States Reporting—Total	**16,296,997**	**33,177,655**	**12,216,053**	**9,255,532**	**15,222,485**	**2,546,7[illegible]**	**3,443,777**	**92,159,227**	**120,181,071**	**55,345,010**	**218,124**	**175,526,081**	**183,138,575**
All Reporting States—Total	**26,051,147**	**55,518,186**	**19,465,807**	**11,790,625**	**24,628,344**	**3,750,407**	**4,773,274**	**145,977,790**	**195,865,148**	**86,642,817**	**260,803**	**282,507,965**	**293,414,841**
LICENSE STATES: (Breakdown Not Available)													
*Alaska												1,377,549	1,361,592
*Arkansas												2,737,636	2,981,890
*California												54,464,294	56,422,753
*Hawaii (Estimated)												2,155,000	2,165,000
*Illinois												23,403,906	24,459,636
*New Jersey												16,643,058	16,751,105
*New York												37,987,432	39,331,649
*Tennessee												6,273,977	6,355,186
License States Not Reporting Class & Type—Total												**144,952,852**	**149,828,811**
Grand Total												**427,460,817**	**443,243,652**

[a]Sales based on state tax collections.
[b]Control state data are sales in retail state stores except Mississippi and Wyoming where data are wholesale sales by state facilities.
[c]Includes young whiskey under 2 years.
[d]Includes Irish and unclassified whiskies.
[e]The California Brandy Advisory Board has developed statistics that differ from these because the Board includes estimates of brandy sales in some states that have not been reported under DISCUS procedures.

Source: Control States: Data issues by National Alcoholic Beverage Control Association, Inc.
License States: Except as noted, data reported by states and compiled by DISCUS.

Table 23. Sales of Distilled Spirits: Percentage Distribution: Retail Sales in Control States[a], Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1982

(Percentage)

	Whiskey													
STATE	Bonded Bourbon	Bonded Rye	Straight Bourbon	Straight Rye	Straight Blends	Blended Whiskey	Blended Light	Light	Other[b]	Total Domestic	Scotch	Canadian	Other[c]	Total Imported	Total All Whiskey
CONTROL STATES: (Gallonage Sales at State Stores)															
Alabama	0.4	—	27.7	—	—	8.5	—	1.8	0.2	38.6	6.0	11.6	—	17.6	56.2
Idaho	0.2	—	14.4	—	—	7.7	—	—	—	22.4	5.4	24.4	0.2	30.0	52.4
Iowa	0.2	—	13.7	—	—	14.5	—	0.3	—	28.7	5.8	16.8	0.1	22.6	51.3
Maine	0.1	—	4.7	—	—	15.9	—	—	—	20.8	5.1	17.0	0.1	22.2	43.0
Michigan	0.2	—	5.5	—	—	12.9	—	—	0.1	18.6	6.7	17.5	0.1	24.3	42.9
Mississippi	0.8	—	31.8	—	—	10.2	—	—	0.2	42.9	5.6	14.9	—	20.6	63.5
Montana	0.1	—	13.9	0.1	—	5.8	—	—	—	19.9	4.5	24.3	0.1	28.9	48.8
New Hampshire	0.2	—	5.7	—	—	12.9	—	—	—	18.9	10.3	13.5	0.2	24.0	42.9
North Carolina	0.4	—	23.8	—	—	6.6	—	0.8	0.4	32.0	6.4	14.3	0.1	20.7	52.7
Ohio	0.8	—	12.9	—	—	12.4	—	—	0.1	26.3	8.2	17.1	0.1	25.4	51.7
Oregon	0.1	—	11.7	0.1	—	11.0	—	—	—	22.8	6.1	18.6	0.3	25.1	47.9
Pennsylvania	0.3	—	7.5	0.2	—	16.6	—	—	—	24.8	8.0	15.0	0.2	23.1	47.9
Utah	0.3	—	16.5	—	—	3.5	—	0.2	—	20.5	6.4	26.2	0.1	32.6	53.1
Vermont	0.1	—	5.4	—	—	8.2	—	—	—	13.8	9.2	16.4	0.3	26.0	39.8
Virginia	0.4	—	27.7	—	—	5.5	—	—	0.2	33.8	9.2	9.0	0.1	18.4	52.2
Washington	0.3	—	9.3	0.1	—	9.7	—	—	—	19.4	6.8	22.2	0.4	29.4	48.9
West Virginia	0.7	—	28.5	—	—	11.3	—	—	0.2	40.6	4.8	17.4	0.1	22.3	62.9
Wyoming	0.1	—	16.1	—	—	4.8	—	—	—	21.1	6.4	24.2	0.1	30.7	51.8
Total Control States	**0.4**	**—**	**14.2**	**0.1**	**—**	**11.2**	**—**	**0.2**	**0.1**	**26.1**	**7.2**	**16.2**	**0.1**	**23.6**	**49.7**
LICENSE STATES: (Reporting Class and Type Breakdown)															
Arizona	0.1	—	15.9	0.1	—	8.2	—	0.2	—	24.6	10.5	10.3	0.1	20.9	45.5
Colorado	0.1	—	19.4	0.1	—	5.3	—	—	—	24.9	10.4	9.7	0.3	20.4	45.3
Connecticut	0.2	—	5.0	—	—	13.2	—	—	—	18.4	13.0	8.8	0.2	22.1	40.4
Delaware	0.8	—	7.7	—	—	11.5	—	—	—	20.1	8.9	14.8	0.2	23.9	44.1
District of Columbia	0.5	—	13.7	—	—	2.0	—	0.1	—	16.4	15.9	6.2	0.5	22.6	39.0
Florida	0.3	—	11.8	—	—	7.4	—	—	—	19.5	14.7	11.4	0.1	26.2	45.7
Georgia	0.5	—	14.7	—	—	6.7	—	0.1	0.3	22.3	8.6	15.0	0.1	23.7	46.0
Indiana	1.1	—	14.6	—	—	12.2	—	0.1	—	28.0	4.8	17.6	0.1	22.4	50.4
Kansas	0.4	—	30.9	—	—	4.8	—	0.1	—	36.3	10.1	14.4	0.1	24.6	60.8
Kentucky	3.9	—	36.4	—	0.4	8.5	—	0.1	0.1	49.4	4.8	7.1	0.1	12.0	61.4
Louisiana	1.2	—	25.7	—	—	5.1	—	—	—	32.0	11.4	16.3	0.1	27.8	59.9
Maryland	0.5	—	12.2	0.5	0.5	7.3	—	—	0.2	21.2	10.3	12.1	0.2	22.6	43.8
Massachusetts	0.2	—	5.2	—	—	12.9	—	—	—	18.3	9.4	12.5	0.3	22.2	40.5
Minnesota	0.1	—	6.0	—	—	7.6	—	—	—	13.8	6.5	25.4	0.1	32.0	45.8
Missouri	0.7	—	25.8	—	—	6.1	—	0.4	—	33.0	10.7	15.8	0.1	26.7	59.7
Nebraska	0.1	—	14.9	—	—	6.7	—	—	—	21.8	9.3	21.6	0.1	30.9	52.7
Nevada	—	—	11.4	—	—	4.9	—	1.5	—	17.8	8.3	15.2	0.1	23.6	41.4
New Mexico	0.1	—	21.6	—	—	7.2	—	1.9	—	30.9	7.3	11.5	0.2	18.9	49.8
North Dakota	—	—	5.8	—	—	5.3	—	—	—	11.2	3.0	36.4	—	39.4	50.5
Oklahoma	0.6	—	23.9	—	—	3.4	—	0.5	0.1	28.6	9.5	21.8	0.1	31.4	60.0
Rhode Island	0.2	—	4.4	—	—	11.9	—	—	—	16.6	10.4	7.3	0.2	18.0	34.6
South Carolina	0.4	—	15.5	—	—	4.6	—	0.2	0.2	20.8	6.0	16.3	0.1	22.3	43.1
South Dakota	—	—	8.8	—	—	6.1	—	0.4	—	15.1	3.8	40.5	—	44.4	59.5
Texas	1.0	—	23.6	—	—	4.6	—	0.1	—	29.4	11.8	12.4	0.1	24.2	53.7
Wisconsin	0.1	—	5.7	0.6	—	10.0	—	—	—	16.5	3.7	5.9	0.1	9.6	26.1
License States Reporting — Total	**0.6**	**—**	**15.5**	**0.1**	**—**	**7.3**	**—**	**0.1**	**0.1**	**23.8**	**10.0**	**13.5**	**0.1**	**23.6**	**47.4**
All Reporting States — Total	**0.5**	**—**	**15.0**	**0.1**	**—**	**8.8**	**—**	**0.2**	**0.1**	**24.7**	**8.9**	**14.5**	**0.1**	**23.6**	**48.2**

Table 23. Cont'd. Sales of Distilled Spirits: Percentage Distribution: Retail Sales in Control States[a], Supplier Shipments in License States (Shipments by Distillers, Rectifiers, Bottlers, and Importers), by Class and Type, 1982

(Percentage)

STATE	Non-Whiskey								Total Domestic Distilled Spirits	Total Imported Distilled Spirits	Not Classified	Jan-Dec 1982 Grand Total Distilled Spirits
	Gin	Vodka	Rum	Brandy	Cordials, etc.	Cocktails	Tequila	Total Non-Whiskey				
CONTROL STATES: (Gallonage Sales at State Stores)												
Alabama	13.6	18.6	6.5	1.2	2.0	0.6	1.3	43.8	79.4	20.6	—	100.0
Idaho	5.9	19.6	5.9	2.4	10.1	0.7	3.0	47.6	82.2	37.8	—	100.0
Iowa	5.3	20.3	4.0	1.7	14.2	1.3	1.9	48.7	73.0	27.0	—	100.0
Maine	7.0	20.6	10.1	1.4	15.5	1.6	0.8	57.0	72.5	27.5	—	100.0
Michigan	8.4	22.7	8.0	4.5	11.8	0.8	0.9	57.1	68.8	31.2	—	100.0
Mississippi	12.3	13.0	5.0	1.2	2.5	1.6	0.9	36.5	76.6	23.4	—	100.0
Montana	6.5	16.6	5.4	6.2	13.9	0.7	2.0	51.2	65.1	34.9	—	100.0
N. Hampshire	9.8	20.2	7.1	2.5	15.0	2.0	0.6	57.1	67.2	32.8	—	100.0
North Carolina	6.9	27.9	7.1	0.9	2.9	0.7	0.8	47.3	76.7	23.3	—	100.0
Ohio	11.8	16.5	6.7	2.0	7.9	2.0	1.0	48.0	69.2	30.8	0.3	100.0
Oregon	6.8	23.4	5.9	3.8	8.4	0.6	3.2	52.1	66.9	33.1	—	100.0
Pennsylvania	9.9	21.2	5.6	2.3	11.6	0.8	0.5	52.1	71.0	29.0	—	100.0
Utah	4.2	24.4	7.2	1.6	5.6	1.4	2.5	46.8	61.8	38.2	—	100.0
Vermont	10.8	21.4	7.0	2.4	16.6	1.4	0.8	60.2	63.2	36.8	—	100.0
Virginia	10.9	20.3	8.8	1.2	4.4	1.3	1.0	47.8	77.6	22.4	—	100.0
Washington	6.9	22.2	8.4	2.7	8.4	1.2	3.2	51.1	61.1	38.9	—	100.0
West Virginia	6.5	17.6	4.7	0.7	5.9	0.9	0.9	37.1	74.8	25.2	—	100.0
Wyoming	4.8	16.3	6.7	2.6	13.7	1.4	2.6	48.2	61.4	38.6	—	100.0
Total Control States	**9.1**	**20.9**	**6.8**	**2.4**	**8.8**	**1.1**	**1.2**	**50.3**	**70.7**	**29.3**	**—**	**100.0**
LICENSE STATES: (Reporting Class and Type Breakdown)												
Arizona	6.9	21.6	7.4	3.4	9.1	2.0	4.0	54.5	70.1	29.9	—	100.0
Colorado	7.1	19.9	7.7	2.6	12.3	1.4	3.7	54.5	67.7	32.3	0.1	100.0
Connecticut	13.0	16.1	8.2	2.5	17.2	1.9	0.7	59.6	66.2	33.8	—	100.0
Delaware	14.4	20.4	6.6	2.7	9.1	2.1	0.5	55.8	69.9	30.1	0.1	100.0
District of Columbia	10.1	22.6	14.7	6.3	5.5	0.7	0.9	61.0	66.9	33.1	—	100.0
Florida	11.4	22.8	8.2	2.8	6.5	1.2	1.4	54.3	65.4	34.6	0.1	100.0
Georgia	15.0	22.7	5.5	5.2	3.4	0.9	1.3	53.9	70.4	29.6	0.1	100.0
Indiana	8.1	21.5	6.6	2.0	9.0	1.0	1.3	49.6	72.2	27.8	—	100.0
Kansas	5.6	15.0	5.1	1.6	7.8	1.6	2.1	38.9	70.2	29.8	0.3	100.0
Kentucky	7.6	17.4	5.2	1.8	3.6	1.7	1.2	38.4	84.4	15.6	0.2	100.0
Louisiana	11.4	8.5	8.5	2.1	6.6	1.5	1.4	40.0	64.9	35.1	0.1	100.0
Maryland	10.9	19.4	11.3	4.2	7.0	2.3	0.6	55.8	71.6	28.4	0.4	100.0
Massachusetts	8.0	18.4	7.5	3.5	20.3	1.2	0.6	59.5	65.1	34.9	—	100.0
Minnesota	5.1	11.8	5.2	22.5	7.5	0.7	1.5	54.2	63.0	37.0	—	100.0
Missouri	8.7	11.1	5.7	2.4	8.7	2.1	1.5	40.2	66.2	33.8	0.1	100.0
Nebraska	5.4	18.7	5.2	1.7	12.7	0.9	2.3	47.1	62.6	37.4	0.2	100.0
Nevada	7.1	25.3	4.4	6.0	10.8	1.3	3.4	58.4	64.8	35.2	0.3	100.0
New Mexico	5.2	19.0	8.4	1.5	8.2	3.2	4.5	50.0	73.2	26.8	0.2	100.0
North Dakota	4.1	14.7	5.6	8.9	12.1	1.7	1.7	48.9	56.9	43.1	0.6	100.0
Oklahoma	5.5	15.6	5.5	2.7	5.9	1.3	3.2	39.7	62.2	37.8	0.2	100.0
Rhode Island	9.3	23.4	6.1	4.3	19.3	2.4	0.5	65.3	69.4	30.6	0.1	100.0
South Carolina	15.2	28.4	6.9	1.5	2.9	1.0	0.8	56.7	74.6	25.4	0.2	100.0
South Dakota	3.6	15.7	3.9	3.1	10.8	1.5	1.5	40.1	52.3	47.7	0.4	100.0
Texas	7.4	17.3	6.4	2.3	6.5	1.9	4.4	46.2	65.6	34.4	0.1	100.0
Wisconsin	7.9	16.7	3.4	30.7	13.1	0.7	1.4	73.9	84.8	15.2	—	100.0
License States Reporting — Total	**9.3**	**18.9**	**7.0**	**5.3**	**8.7**	**1.5**	**2.0**	**52.5**	**68.5**	**31.5**	**0.1**	**100.0**
All Reporting States — Total	**9.2**	**19.7**	**6.9**	**4.2**	**8.7**	**1.3**	**1.7**	**51.7**	**69.3**	**30.7**	**0.1**	**100.0**
LICENSE STATES: (Breakdown Not Available)												
*Alaska												100.0
*Arkansas												100.0
*California												100.0
*Hawaii (Estimated)												100.0
*Illinois												100.0
*New Jersey												100.0
*New York												100.0
*Tennessee												100.0
License States Not Reporting Class and Type — Total												**100.0**
Grand Total												**100.0**

*Sales based on state tax collections.

[a] Control State data are sales in retail state stores except Mississippi and Wyoming where data are wholesale sales by state facilities.

[b] Includes young whiskey under 2 years.

[c] Includes Irish and Unclassified Whiskey.

Source: Control States: Data issued by National Alcoholic Beverage Control Association, Inc.
License States: Except as noted, date reported by states and compiled by DISCUS.

Table 24. Estimated Distilled Spirits Entering United States Trade Channels, Including Bottled Exports, by Class and Type, 1973–1982

(000 Wine Gallons)

Class and Type	1973	1974	1975	1976	1977	1978	1979	1980	1981[a]	1982
Domestic Whiskey										
Bonded	3,823	3,568	3,994	3,644	3,343	3,315	4,409	7,661	2,276	1,854
Straight	71,077	70,184	69,532	62,722	61,834	64,665	64,185	55,857	63,288	58,615
Blended Straights	1,247	1,452	1,855	1,118	1,030	1,263	1,254	1,234	1,789	1,143
Over 160°[b]	1,265	512	674	433	237	233	168	1,287	4,153	4,167
Blended Whiskey	62,637	61,520	58,485	51,960	51,424	48,903	46,131	39,120	35,398	32,745
Subtotal	140,049	137,235	134,539	119,877	117,867	118,379	116,147	105,159	106,903	98,523
Imported Whiskey[c]										
Scotch[d]	55,230	55,898	55,276	53,348	52,195	56,757	52,033	46,972	47,656	45,086
Canadian	44,308	45,455	48,425	47,167	48,141	53,641	53,021	52,382	54,639	51,571
Irish and Others	306	427	271	310	412	672	693	541	821	586
Subtotal	99,843	101,780	103,972	100,825	100,748	111,071	105,747	99,895	103,116	97,243
Total All Whiskey	**239,893**	**239,015**	**238,511**	**220,702**	**218,615**	**229,449**	**221,894**	**205,053**	**210,019**	**195,766**
Gin										
Domestic	36,848	36,878	38,916	36,855	38,730	38,562	38,981	NA	38,295	35,354
Imported	4,660	5,001	4,818	5,074	5,303	6,258	6,297	NA	5,872	5,556
Subtotal	41,508	41,879	43,734	41,929	44,033	44,820	45,278	43,618	44,167	40,910
Vodka										
Domestic	70,221	78,929	86,752	88,540	90,639	94,803	97,976	NA	98,622	93,718
Imported	191	116	23	51	102	84	235	NA	1,995	5,107
Subtotal	70,412	79,045	86,776	88,591	90,740	94,887	98,211	96,193	100,617	98,825
Rum										
Puerto Rico	11,931	11,895	13,601	15,107	18,532	22,067	27,124	NA	26,881	25,262
Virgin Islands	872	1,012	1,314	1,027	983	1,276	1,538	NA	3,122	3,241
Other Domestic	1,662	1,905	1,936	1,572	2,463	2,921	3,378	NA	1,218	2,040
Subtotal Domestic Rum	14,466	14,811	16,852	17,706	21,978	26,264	32,041	NA	31,221	30,543
Subtotal Imported Rum	638	694	706	642	741	891	921	NA	1,357	1,394
Subtotal All Rum	15,104	15,505	17,558	18,347	22,719	27,155	32,962	29,568	32,579	31,937
Brandy										
Domestic	13,203	12,813	12,389	13,408	13,439	13,459	13,725	NA	14,541	13,585
Imported	2,665	2,469	3,036	4,254	3,389	4,461	4,989	NA	6,769	6,670
Subtotal	15,867	15,282	15,424	17,662	16,828	17,921	18,714	18,667	21,309	20,255
Cordials and Specialties										
Domestic	25,469	28,706	26,323	23,958	25,500	30,132	29,416	NA	26,059	24,646
Imported	3,721	4,177	4,769	5,063	5,822	7,145	8,155	NA	13,704	14,661
Subtotal	29,191	32,883	31,092	29,021	31,322	37,277	37,570	38,404	39,763	39,306
Cocktails and Mixed Drinks										
Domestic	—	—	4,082	9,380	9,822	11,990	10,834	NA	8,302	7,549
Imported	—	—	29	260	71	66	122	NA	202	197
Subtotal	—	—	4,111	9,640	9,894	12,056	10,955	10,281	8,504	7,746
Tequila Subtotal	—	—	7,890	9,709	6,305	6,526	6,783	7,271	7,949	8,363
Non-Whiskey										
Domestic	160,207	172,138	185,314	189,846	200,109	215,209	222,971	NA	217,040	205,395
Imported	11,875	12,457	21,272	25,052	21,732	25,433	27,503	NA	37,849	41,948
Subtotal	172,082	184,594	206,586	214,898	221,841	240,642	250,474	244,001	254,889	247,343
Not Elsewhere Specified										
Domestic	657	972	595	322	287	274	300	NA	349	985
Imported	5,744	8,659	2,859	629	1,077	1,619	1,913	NA	254	291
Subtotal	6,401	9,630	3,454	950	1,364	1,893	2,213	636	603	1,275
Total Domestic Distilled Spirits	**300,914**	**310,344**	**320,448**	**310,045**	**318,263**	**333,861**	**339,418**	**NA**	**324,292**	**304,903**
Total Imported Distilled Spirits	**117,462**	**122,895**	**128,103**	**126,506**	**123,557**	**138,123**	**135,163**	**NA**	**141,219**	**139,482**
Total Distilled Spirits	**418,376**	**433,240**	**448,551**	**436,550**	**441,820**	**471,984**	**474,580**	**449,691**	**465,511**	**444,384**

NOTE: Because of rounding, detail may not add to total. Includes some conversion from proof gallons to wine gallons.

[a] Revised.

[b] May include product to which 160 proof and over whiskey has been added as part of contents but does not enter trade channels at 160 proof.

[c] From 1965 to June 1975 bulk proof gallons reported by Census was converted at 82°; before 1965 at 86°; actual volume in wine gallons reported after June 1975.

[d] Includes whiskey from Northern Ireland.

NA-Data for calendar 1980 are not strictly comparable with 1981 and earlier year data because of reporting and definitional difficulties in the first nine months of 1980 that resulted from the change to the all-in-bond system by the U.S. Bureau of Alcohol, Tobacco, and Firearms. Also, for these reasons, a breakdown between domestic and imported non-whiskey spirits in 1980 is not reliable and therefore is not given.

Sources: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department; Bureau of Census, U.S. Department of Commerce; Virgin Islands Rum Council; Puerto Rican Rum Producers Association, Inc.

Figure 9. Distilled Spirits Entering Trade Channels in the U.S., 1972-1982

(Millions of Wine Gallons)

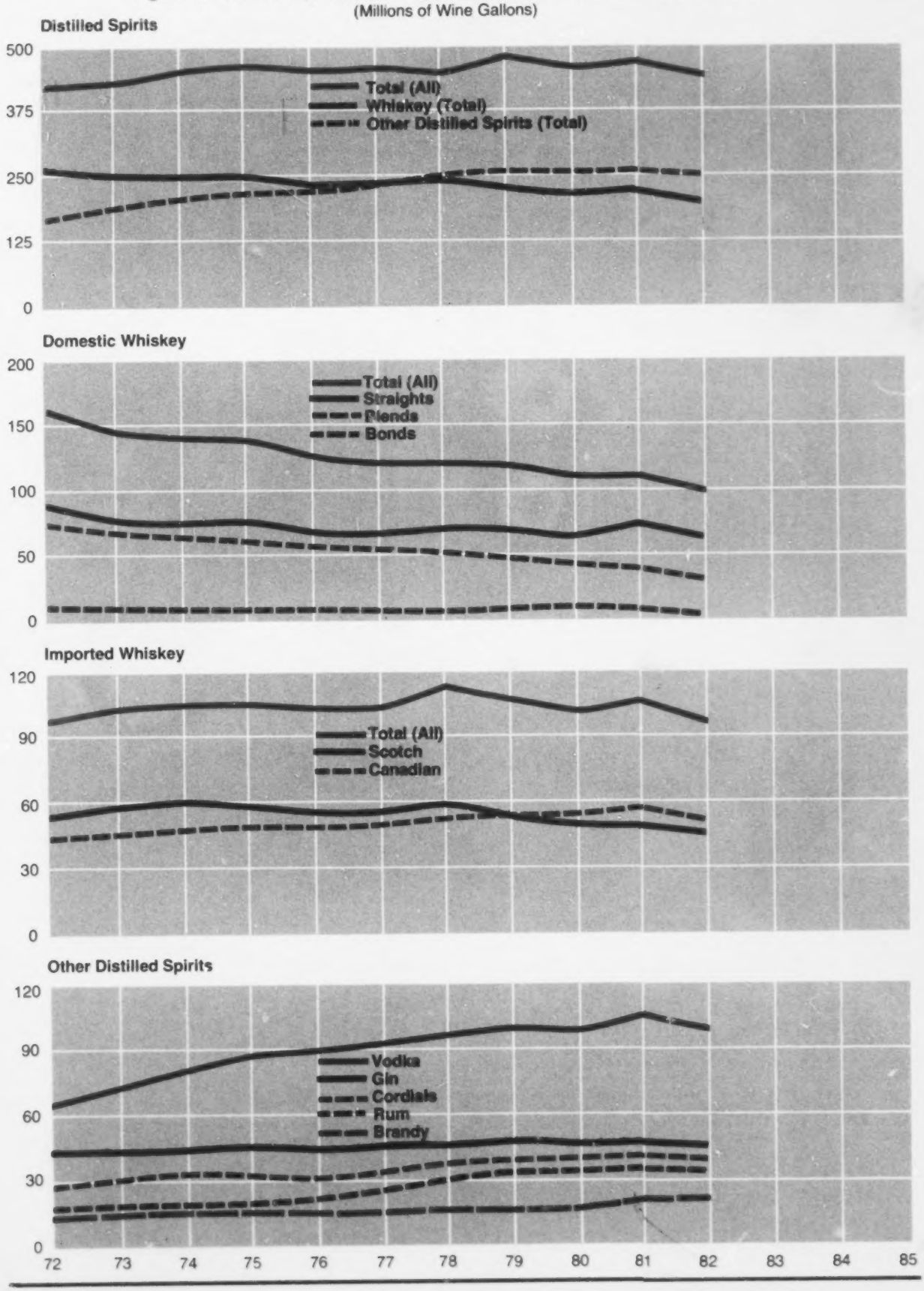

Table 25. Estimated Distilled Spirits Entering United States Trade Channels, Including Bottled Exports, Domestic and Foreign Bottling, by Class and Type, 1981 and 1982

(000 Wine Gallons)

Class and Type	1982							1981		
	Volume Bottled in United States[a]			Bottled						
	Domestic Spirits	Bulk Imports	Subtotal	Imports[b]	Shipments from Puerto Rico and U.S. Virgin Islands[c]	Total	Percentage of Total	Total	Percentage of Total	Percentage Change
Domestic Whiskey										
Bonded	1,854		1,854			1,854	0.4	2,276	0.5	−18.6
Straight	58,615		58,615			58,615	13.2	63,288	13.6	−7.4
Blended Straights	1,143		1,143			1,143	0.3	1,789	0.4	−36.1
Distilled at over 160[d]	4,167		4,167			4,167	0.9	4,153	0.9	0.3
Blended Whiskey	32,745		32,745			32,745	7.4	35,398	7.6	−7.5
Subtotal	98,523		98,523			98,523	22.2	106,903	23.0	−7.8
Imported Whiskey										
Scotland and N. Ireland						45,086	10.1	47,656	10.2	−5.4
Bottled in United Kingdom				24,854		24,854	5.6	27,741	6.0	−10.4
Bottled in United States		20,232	20,232			20,232	4.6	19,915	4.3	1.6
Canadian						51,571	11.6	54,639	11.7	−5.6
Bottled in Canada				19,089		19,089	4.3	20,518	4.4	−7.0
Bottled in United States		32,482	32,482			32,482	7.3	34,121	7.3	−4.8
Ireland and Others		485	485	101		586	—	821	0.2	−28.6
Subtotal		53,199	53,199	44,044		97,243	21.9	103,116	22.2	−5.7
Total All Whiskey	**98,523**	**53,199**	**151,722**	**44,044**		**195,766**	**44.1**	**210,019**	**45.1**	**−6.8**
Gin										
Domestic	35,354		35,354			35,354	8.0	38,295	8.2	−7.7
Imported		130	130	5,426		5,556	1.3	5,872	1.3	−5.4
Subtotal	35,354	130	35,484	5,426		40,910	9.2	44,167	9.5	−7.4
Vodka										
Domestic	93,718		93,718			93,718	21.1	98,622	21.2	−5.0
Imported		2,956	2,956	2,152		5,107	1.1	1,995	0.4	156.0
Subtotal	93,718	2,956	96,673	2,152		98,825	22.2	100,617	21.6	−1.8
Rum										
Puerto Rico	16,905		16,905		8,357	25,262	5.7	26,881	5.8	−6.0
Virgin Islands	3,212		3,212		29	3,241	0.7	3,122	0.7	3.8
Other Domestic	2,040		2,040			2,040	0.5	1,218	0.3	67.4
Subtotal Domestic	22,157		22,157		8,386	30,543	6.9	31,221	6.7	−2.2
Subtotal Imported		1,189	1,189	205		1,394	0.3	1,357	0.3	2.7
Subtotal All Rum	22,157	1,189	23,346	205	8,386	31,937	7.2	32,579	7.0	−2.0
Brandy										
Domestic	13,585		13,585			13,585	3.1	14,541	3.1	−6.6
Imported		942	942	5,727		6,670	1.5	6,769	1.5	−1.5
Subtotal	13,585	942	14,528	5,727		20,255	4.6	21,309	4.6	−4.9
Cordials and Specialties										
Domestic	24,646		24,646			24,646	5.5	26,059	5.6	−5.4
Imported		6,864	6,864	7,797		14,661	3.3	13,704	2.9	7.0
Subtotal	24,646	6,864	31,509	7,797		39,306	8.8	39,763	8.5	−1.1
Cocktails/Mixed Drinks										
Domestic	7,549		7,549			7,549	1.7	8,302	1.8	−9.1
Imported		197	197	—		197	—	202	—	−2.5
Subtotal	7,549	197	7,746	—		7,746	1.7	8,504	1.8	−8.9
Tequila	—	8,324	8,324	39		8,363	1.9	7,949	1.7	5.2
Non-Whiskey										
Domestic	197,009		197,009		8,386	205,395	46.2	217,040	46.6	−5.4
Imported		20,602	20,602	21,346		41,948	9.4	37,849	8.1	10.8
Total Non-Whiskey	197,009	20,602	217,611	21,346	8,386	247,343	55.7	254,889	54.8	−3.0
Not Elsewhere Specified[e]										
Domestic	985		985			985	0.2	349	—	182.2
Imported		—	—	291		291	—	254	—	14.3
Subtotal	985	—	985	291		1,275	0.3	603	—	111.4
Total Domestic Distilled Spirits	**296,517**		**296,517**		**8,386**	**304,903**	**68.6**	**324,292**	**69.7**	**−6.0**
Total Imported Distilled Spirits		**73,801**	**73,801**	**65,681**		**139,482**	**31.4**	**141,219**	**30.3**	**−1.2**
Total Distilled Spirits	**296,517**	**73,801**	**370,317**	**65,681**	**8,386**	**444,384**	**100.0**	**465,511**	**100.0**	**−4.5**

NOTE: Because of rounding, detail may not add to total. Percentages calculated before rounding.

[a] U.S. bottling for export included. Bulk imported distilled spirits converted to wine gallons from proof gallons.

[b] Includes only imports in containers of one gallon or less. Imports converted to wine gallons from proof gallons.

[c] Puerto Rican and Virgin Islands rum in glass converted to wine gallons from proof gallons.

[d] May include product to which 160 proof and over whiskey has been added as part of contents but does not enter trade channels at 160 proof.

[e] Includes aquavit, arrack, bitters, spirits for beverages, imitations of brandy. Imported bottled vodka available separately since January 1980.

Sources: Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department; Bureau of Census, U.S. Department of Commerce; Virgin Islands Rum Council; Puerto Rican Rum Producers Association, Inc.

Table 26. Red and Green Strip Stamps Used by the Distilled Spirits Industry, by Bottle Size, 1973–1982

(Thousands of Stamps)

Fiscal Year and Color	Less than 1/2 Pint 50 ml	1/2 Pint 200 ml	3/4 Pint	4/5 Pint	1 Pint 500 ml	3/4 Quart	4/5 Quart 750 ml	1 Quart 1 Liter	1/2 Gallon 1.75 Liter	1 Gallon	Total
1973											
Red	164,995	534,127	11,583	100,245	280,249	37,412	563,398	542,134	107,290	1,633	2,343,066
Green	1,575	14,642	—	357	6,575	—	10,583	3,712	616	7	38,068
Total	166,570	548,770	11,583	100,602	286,824	37,412	573,982	545,846	107,906	1,640	2,381,134
1974											
Red	191,131	544,818	27,023	87,365	281,575	41,299	575,056	547,546	135,201	1,093	2,432,109
Green	1,331	11,899	—	409	5,659	—	8,872	3,186	552	2	31,911
Total	192,463	556,717	27,023	87,774	287,235	41,299	583,928	550,732	135,753	1,095	2,464,020
1975											
Red	231,482	542,363	24,056	83,096	275,812	56,593	515,393	552,681	149,650	649	2,431,775
Green	1,108	10,964	—	314	5,145	—	8,244	3,115	622	3	29,513
Total	232,590	553,326	24,056	83,410	280,956	56,593	523,637	555,796	150,272	652	2,461,289
1976											
Red	237,470	572,431	30,599	81,859	272,399	66,904	521,119	567,309	167,724	484	2,518,299
Green	1,146	10,859	—	239	5,250	—	7,735	3,401	747	2	29,380
Total	238,616	583,291	30,599	82,098	277,650	66,904	528,854	570,710	168,470	486	2,547,679
1976[a]											
Red	60,962	126,380	11,778	19,152	59,156	16,786	116,693	125,166	38,085	101	574,259
Green	172	1,646	—	47	909	—	1,353	579	158	(b)	4,859
Total	61,134	128,026	11,778	19,199	60,065	16,786	118,046	125,744	38,243	102	579,118
1977											
Red: U.S. Measure	247,305	451,949	32,642	85,801	244,675	70,841	354,082	553,355	87,824	797	2,129,272
Metric	346	101,675	—	—	212	—	139,282	1,216	83,212	—	325,943
Green: U.S. Measure	1,001	6,629	—	169	4,189	—	4,924	2,832	381	1	20,126
Metric	—	1,789	—	—	2	—	1,170	64	336	—	3,360
Subtotal U.S.	248,306	458,578	32,642	85,970	248,864	70,841	359,006	556,187	88,205	798	2,149,398
Subtotal Metric	346	103,464	—	—	214	—	140,452	1,280	83,548	—	329,303
Total	248,653	562,042	32,642	85,970	249,077	70,841	499,457	557,467	171,752	798	2,478,700
1978											
Red: U.S. Measure	232,362	116,000	31,841	95,212	273,399	85,310	100,264	562,862	6,154	463	1,503,865
Metric	12,707	480,613	—	—	1,960	—	393,111	3,316	177,792	—	1,069,498
Green: U.S. Measure	867	1,085	—	161	4,573	—	1,050	3,141	13	2	10,892
Metric	—	7,478	—	—	2	—	5,238	—	887	—	13,606
Subtotal U.S.	233,229	117,085	31,841	95,373	277,972	85,310	101,314	566,003	6,167	465	1,514,757
Subtotal Metric	12,707	488,091	—	—	1,962	—	398,349	3,316	178,679	—	1,083,104
Total	245,935	605,177	31,841	95,373	279,934	85,310	499,662	569,319	184,846	465	2,597,861
1979											
Red: U.S. Measure	295,914	31,628	28,775	104,275	254,585	82,323	46,426	571,103	2,249	482	1,417,759
Metric	27,150	595,094	—	—	13,775	—	431,563	12,601	189,396	—	1,269,578
Green: U.S. Measure	738	203	—	277	4,049	—	46	2,679	—	(b)	7,992
Metric	36	6,859	—	—	118	—	5,344	—	862	—	13,219
Subtotal U.S.	296,652	31,831	28,775	104,551	258,633	82,323	46,473	573,781	2,249	482	1,425,751
Subtotal Metric	27,186	601,953	—	—	13,893	—	436,907	12,601	190,258	—	1,282,797
Total	323,838	633,784	28,775	104,551	272,526	82,323	483,379	586,382	192,506	482	2,708,548
1980											
Red: U.S. Measure	33,268	7,057	10,586	30,197	77,933	24,707	4,059	204,298	75	227	392,408
Metric	127,360	542,260[c]	—	—	235,325	—	521,018	354,500	211,669	—	1,992,132
Green: U.S. Measure	13	34	—	15	733	—	—	1,062	—	(b)	1,858
Metric	625	6,993	—	—	3,573	—	6,512	2,105	1,622	—	21,429
Subtotal U.S.	33,280	7,091	10,586	30,212	78,666	24,707	4,059	205,360	75	227	394,265
Subtotal Metric	127,985	549,253	—	—	238,987	—	527,530	356,604	213,291	—	2,013,561
Total	161,265	556,345	10,586	30,212	317,564	24,707	531,589	561,964	213,366	227	2,407,826
1981[d]											
Red: Metric	165,144[r]	542,849[r]	—	—	335,422[r]	—	551,855	517,211[r]	238,542	—	2,351,024[r]
Green: Metric	366	6,540	—	—	3,032	—	4,438	5,623	1,941	—	21,941
Alternative Devices	6,829	19,078	—	—	241	—	—	—	—	—	26,148
Total	172,339	568,467	—	—	338,695	—	556,294	522,835[r]	240,483	—	2,399,112[r]
1982											
Red	140,965[e]	498,447	—	—	299,129	—	499,228	489,128	239,625	—	2,166,522
Green	536	4,807	—	—	2,235	—	3,484	1,676	772	—	13,508
Alternative Devices	50,170	15,075	—	—	3,567	—	40	1	—	—	68,853
Total	191,670	518,328	—	—	304,931	—	502,753	490,804	240,397	—	2,248,883

NOTES: Because of rounding, detail may not add to total. Stamps used by domestic bottlers and importers for products destined for U.S. consumption. Red strip stamps are used by domestic and foreign bottlers. Green strip stamps are used by domestic bottlers for bottled-in-bond products. Reported by fiscal year ending June 30 (1972–1976) and Sept. 30 (1977-1982).

[a]Three months ending September 1976 for transition to new fiscal year.

[b]Less than 500.

[c]Year 1980 includes 14.546 million alternative devices for domestic use.

[d]Beginning 1981, all bottling in metric containers.

[e]Includes 827,000 stamps used for 100-ml bottles.

[r]Revised.

Sources: Internal Revenue Service, U.S. Treasury Department; Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

Table 27. Distilled Spirits Volume Represented by Strip Stamps, by Bottle Size and Stamp Color, 1973-1982

(000 Wine Gallons)

Fiscal Year and Color	Less than 1/2 Pint 50 ml	1/2 Pint 200 ml	3/4 Pint	4/5 Pint	1 Pint 500 ml	3/4 Quart	4/5 Quart 750 ml	1 Quart 1 Liter	1/2 Gallon 1.75 Liter	1 Gallon	Total
1973											
Red	2,062	33,383	1,086	10,024	35,031	7,015	112,680	135,534	53,645	1,633	392,093
Green	20	915	—	36	822	—	2,117	928	308	7	5,152
Total	2,082	34,298	1,086	10,060	35,853	7,015	114,796	136,462	53,953	1,640	397,244
1974											
Red	2,389	34,051	2,533	8,736	35,197	7,744	115,011	136,887	67,600	1,093	411,242
Green	17	744	—	41	707	—	1,774	796	276	2	4,358
Total	2,406	34,795	2,533	8,777	35,904	7,744	116,786	137,683	67,877	1,095	415,599
1975											
Red	2,894	33,898	2,255	8,310	34,476	10,612	103,079	138,170	74,825	649	409,167
Green	14	685	—	31	643	—	1,649	779	311	3	4,115
Total	2,907	34,583	2,255	8,341	35,120	10,612	104,727	138,949	75,136	652	413,281
1976											
Red	2,968	35,777	2,868	8,186	34,050	12,545	104,224	141,827	83,862	484	426,791
Green	14	679	—	24	656	—	1,547	850	373	2	4,146
Total	2,983	36,456	2,868	8,210	34,706	12,545	105,771	142,678	84,235	486	430,937
1976[a]											
Red	762	7,899	1,104	1,915	7,394	3,148	23,339	31,291	19,042	101	95,996
Green	2	103	—	4	114	—	271	145	79	(b)	717
Total	764	8,002	1,104	1,919	7,508	3,148	23,609	31,436	19,121	102	96,713
1977											
Red: U.S. Measure	3,091	28,247	3,059	8,580	30,584	13,284	70,816	138,339	43,912	797	340,709
Metric	5	5,371	—	—	28	—	27,596	321	38,471	—	71,793
Green: U.S. Measure	13	414	—	17	524	—	985	708	190	1	2,851
Metric	—	95	—	—	(b)	—	232	17	155	—	499
Subtotal U.S.	3,104	28,661	3,059	8,597	31,108	13,284	71,801	139,047	44,102	798	343,560
Subtotal Metric	5	5,466	—	—	28	—	27,829	338	38,626	—	72,292
Total	3,108	34,127	3,059	8,597	31,136	13,284	99,630	139,385	82,728	798	415,853
1978											
Red: U.S. Measure	2,905	7,250	2,984	9,521	34,175	15,997	20,053	140,715	3,077	463	237,139
Metric	168	25,390	—	—	259	—	77,890	876	82,197	—	186,780
Green: U.S. Measure	11	68	—	16	572	—	210	785	6	2	1,670
Metric	—	395	—	—	(b)	—	1,038	—	410	—	1,844
Subtotal U.S.	2,915	7,318	2,984	9,537	34,747	15,997	20,263	141,501	3,084	464	238,809
Subtotal Metric	168	25,785	—	—	259	—	78,928	876	82,607	—	188,623
Total	3,083	33,103	2,984	9,537	35,006	15,997	99,191	142,377	85,691	464	427,432
1979											
Red: U.S. Measure	3,699	1,977	2,697	10,427	31,823	15,437	9,285	142,776	1,125	482	219,727
Metric	359	31,438	—	—	1,819	—	85,509	3,329	87,562	—	210,016
Green: U.S. Measure	9	13	—	28	506	—	9	670	—	(b)	1,235
Metric	(b)	362	—	—	16	—	1,059	—	398	—	1,836
Subtotal U.S.	3,708	1,989	2,697	10,455	32,329	15,437	9,295	143,445	1,125	482	220,962
Subtotal Metric	359	31,801	—	—	1,835	—	86,568	3,329	87,960	—	211,852
Total	4,067	33,790	2,697	10,455	34,164	15,437	95,862	146,774	89,085	482	432,814
1980											
Red: U.S. Measure	416	441	992	3,020	9,742	4,633	812	51,074	38	227	71,394
Metric	1,682	28,647[c]	—	—	31,082	—	103,233	93,659	97,859	—	356,163
Green: U.S. Measure	(b)	2	—	2	92	—	—	266	—	(b)	361
Metric	8	369	—	—	472	—	1,290	556	750	—	3,446
Subtotal U.S.	416	443	992	3,021	9,833	4,633	812	51,340	38	227	71,756
Subtotal Metric	1,691	29,016	—	—	31,554	—	104,524	94,215	98,609	—	359,609
Total	2,107	29,460	992	3,021	41,388	4,633	105,335	145,555	98,647	227	431,364
1981[d]											
Red: Metric	2,181[r]	28,678[r]	—	—	44,303[r]	—	109,343	136,648[r]	110,283	—	431,436[r]
Green: Metric	5	345	—	—	401	—	879	1,486	897	—	4,013
Alternative Devices	90	1,008	—	—	32	—	—	—	—	—	1,130
Total	2,276	30,032	—	—	44,736	—	110,223	138,133[r]	111,181	—	436,580[r]
1982											
Red	1,873[e]	26,332	—	—	39,510	—	98,916	129,228	110,784	—	406,643
Green	7	254	—	—	295	—	690	443	357	—	2,046
Alternative Devices	663	796	—	—	471	—	8	(b)	—	—	1,938
Total	2,543	27,383	—	—	40,276	—	99,614	129,671	111,141	—	410,627

NOTES: Because of rounding, detail may not add to total. Stamps used by domestic bottlers and importers for products destined for U.S. consumption. Red strip stamps are used by domestic and foreign bottlers. Green strip stamps are used by domestic bottlers for bottled-in-bond products. Reported by fiscal year ending June 30 (1972-1976) and Sept. 30 (1977-1982).

[a]Three months ending September 1976 for transition to new fiscal year.

[b]Less than 500.

[c]Gallonage for 1980 includes 768,000 wine gallons in containers with alternative devices in lieu of strip stamps.

[d]Beginning 1981, all bottling in metric containers.

[e]Includes 22,000 gallons bottled in 100-ml bottles.

[r]Revised.

Sources: Internal Revenue Service, U.S. Treasury Department; Bureau of Alcohol, Tobacco, and Firearms, U.S. Treasury Department.

FOREIGN TRADE

Exports—The United States exported 10.1 million proof gallons of distilled spirits in 1982, 11.4 percent more than 1981. Whiskey, the largest single export category, increased 3.3 percent to 4.9 million gallons. Non-whiskey exports increased 20.5 percent (Table 28). Most non-whiskey exports are in a mixed category—"other spirits" (largely vodka and cordials)—amounting to 4.6 million gallons in 1982, an increase of 25.1 percent over 1981.

Beginning in 1983, the U.S. Census Bureau has separated vodka and cordial exports from statistics of "other exports." Based on this new coverage, annual statistics for vodka and cordial exports are expected to be included in the next edition of this *Review*. Monthly statistics on vodka and cordial exports are now available from the Census Bureau.

U.S. exports by country of destination in 1982 are shown in Table 29. The chief markets were Canada, the Federal Republic of Germany, Australia, Norway, Japan, Sweden, and Belgium.

Exports were 2.3 percent of total shipments entering U.S. trade channels.

Shipments of spirits from the United States to Puerto Rico and the U.S. Virgin Islands increased 70.9 percent between 1981 and 1982 to 2.7 million proof gallons (Table 30).

Imports—Imports of distilled spirits arrive in the United States for immediate consumption and for storage in bonded warehouses to be withdrawn at a later period. The statistics in this section of the *Review* refer to supplies on which duty has been paid and that have been imported for consumption, as well as supplies withdrawn from bonded warehouses for consumption. (Imports that have entered a bonded warehouse are not considered as imports until withdrawn).

U.S. imports of spirits decreased 8.6 percent in 1982 compared with 1981. Imports provided 31.4 percent of the total U.S. supply in 1982, or 106.3 million proof gallons, a larger proportion than a decade ago (28.1 percent) and a much larger proportion than two decades earlier (17.2 percent).

Lower imports in 1982 reflected the lower overall demand of the economic recession and other factors. Chief suppliers were Canada, the United Kingdom, Mexico, and France. Whiskey made up 72.1 percent of the total in 1982 followed by cordials, tequila, brandy, and gin (Table 32). Imports by country of origin are shown in Table 33.

Bulk imported whiskey for bottling in the United States has increased relative to bottled imports in recent years. Bulk imports in 1970 amounted to 26.2 million proof gallons or 32.7 percent of total whiskey imports. By 1982, bulk imports had risen to 50.4 percent of whiskey imports or to 38.6 million gallons. (Table 32). Almost half of cordials are also imported in bulk. However, most imports of gin, vodka, and brandy are already bottled when they enter the United States. Bulk spirits were 48.7 percent of all spirit imports in 1982 (Table 34).

Shipments From Puerto Rico and U.S. Virgin Islands

Shipments of distilled spirits (mostly rum) to the United States from Puerto Rico and the U.S. Virgin Islands decreased to 24.2 million proof gallons in 1982, 6.2 percent less than 1981 (Table 35). Most shipments (71.2 percent) enter as bulk rum, which provides most of the rum consumed in the U.S. Bulk imports are stored in the U.S. for eventual bottling.

Table 28. United States Commercial Exports of Distilled Spirits, 1934–1982

(000 Proof Gallons)

Calendar Year	Whiskey	Percentage Change From Previous Year	Rum	Brandy	Gin	Other Distilled Spirits	Non-Whiskey Total	Percentage Change From Previous Year	All Distilled Spirits Total	Percentage Change From Previous Year
1934	NA	—	NA	NA	NA	—	NA	—	8	—
1935	NA	—	NA	NA	NA	—	NA	—	36	—
1940	190	—	NA	NA	NA	15	15	—	205	—
1945	938	—	NA	NA	NA	128	128	—	1,066	—
1950	817	—	NA	NA	24	85	109	—	926	—
1955	1,318	—	NA	NA	NA	701	701	—	2,019	—
1960	1,074	—	NA	NA	NA	580	580	—	1,654	—
1961	736	-31.4	NA	NA	NA	782	782	34.7	1,518	-8.2
1962	674	-8.5	NA	NA	NA	647	647	-17.3	1,320	-13.0
1963	825	22.4	NA	NA	NA	735	735	13.7	1,560	18.2
1964	1,141	38.4	NA	NA	NA	988	988	34.4	2,129	36.5
1965	1,143	0.2	NA	NA	NA	991	991	0.3	2,134	0.2
1966	1,457	27.5	NA	NA	NA	703	703	-29.0	2,161	1.2
1967	1,683	15.5	NA	NA	NA	607	607	-13.6	2,290	6.0
1968	2,023	20.2	237	99	NA	847	1,184	94.9	3,207	40.0
1969	2,669	31.9	243	62	NA	999	1,304	10.2	3,973	23.9
1970	2,738	2.6	346	32	NA	874	1,251	-4.1	3,989	0.4
1971	3,862	41.0	288	29	NA	1,178	1,495	19.5	5,357	34.3
1972	4,350	12.6	212	38	NA	1,380	1,631	9.1	5,981	11.6
1973	5,044	16.0	139	51	NA	1,919	2,110	29.4	7,154	19.6
1974	5,488	8.8	396	55	NA	2,795	3,247	53.9	8,735	22.1
1975	5,356	-2.4	193	34	NA	2,717	2,945	-9.3	8,301	-5.0
1976	4,737	-11.6	227	57	NA	3,442	3,726	26.5	8,463	2.0
1977	4,770	0.7	239	22	NA	3,176	3,437	-7.7	8,207	-3.0
1978	4,829	1.2	303	63	54	3,416	3,835	11.6	8,664	5.6
1979	4,598	-4.8	341	56	55	3,199	3,650	-4.8	8,248	-4.8
1980	4,253	-7.5	291	47	172	3,800	4,309	18.1	8,563	3.8
1981	4,751	11.7	386	100	89	3,710	4,285	-0.6	9,037	5.5
1982	4,907	3.3	379	99	40	4,643	5,162	20.5	10,069	11.4

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding.
NA: Not available. Rum and brandy included in Other Distilled Spirits before 1968, gin before 1978.
Source: Bureau of the Census, U.S. Department of Commerce.

Table 29. United States Commercial[a] Exports of Distilled Spirits by Destination, 1981 and 1982

(000 Proof Gallons)

Country of Destination	Whiskey		Other Distilled Spirits		Total	
	1982	1981	1982	1981	1982	1981
Angola	—	—	—	20	—	20
Argentina	1	4	*	18	1	23
Australia	580	531	24	211	604	743
Austria	47	32	2	*	48	32
Bahamas	10	13	136	227	146	241
Bahrain	2	1	1	1	3	3
Bangladesh	*	*	*	*	*	1
Barbados	*	1	17	9	17	10
Belgium	131	108	555	313	686	421
Belize	*	1	1	10	2	11
Bermuda	7	4	43	57	50	61
Bolivia	—	—	—	7	—	7
Br. Pacific Islands	*	*	*	—	*	*
Br. Virgin Islands	5	4	114	110	119	114
Brazil	4	1	4	1	7	2
Burma	*	—	*	—	*	—
Canada	1,209	1,322	230	461	1,438	1,784
Canary Islands	1	2	5	2	6	4
Cayman Islands	6	4	7	9	13	13
Chile	6	7	33	57	38	64
China (Taiwan)	2	10	63	5	65	15
Colombia	46	5	21	40	66	45
Costa Rica	*	*	*	1	1	1
Cyprus	2	*	10	16	12	16
Czechoslovakia	*	1	—	—	*	1
Denmark	17	14	21	27	38	42
Djibouti	*	1	—	*	*	1
Dominican Republic	3	2	12	11	14	13
Ecuador	8	1	7	10	15	11
Egypt	1	1	1	1	3	2
El Salvador	1	2	17	5	18	6
Federal Rep. of Germany	1,238	1,226	179	117	1,417	1,343
Finland	7	11	36	41	43	52
France	206	191	17	22	223	213
French Guiana	*	*	—	—	*	*
French West Indies	1	1	1	13	1	14
Ghana	*	—	—	4	*	4
Gibraltar	—	*	—	—	—	*
Greece	8	7	18	25	26	32
Guatemala	1	1	3	13	4	14
Guyana	—	*	2	*	2	*
Haiti	6	7	6	9	12	16
Honduras	*	*	8	10	8	10
Hong Kong	20	18	52	29	72	46
Hungary	—	—	1	—	1	—
Iceland	9	6	63	86	71	92
India	2	*	1	2	2	2
Indonesia	9	17	27	22	36	39
Ireland	3	2	13	24	16	27
Israel	12	19	59	93	71	112
Italy	135	95	24	15	159	110
Ivory Coast	*	12	—	3	*	16
Jamaica	2	2	13	1	14	3
Japan	386	393	1,785	98	2,171	491
Jordan	1	1	*	—	1	1
Kenya	2	1	—	—	2	1
Korea, Republic of	7	8	13	4	20	12

Table 29, Cont'd. United States Commercial[a] Exports of Distilled Spirits by Destination, 1981 and 1982

(000 Proof Gallons)

Country of Destination	Whiskey		Other Distilled Spirits		Total	
	1982	1981	1982	1981	1982	1981
Lebanon	*	*	—	4	*	5
Liberia	*	1	1	2	1	4
Madeira Islands	*	—	*	1	*	1
Malaysia	1	2	5	8	6	10
Malta	*	2	2	4	2	6
Mexico	67	80	44	73	111	154
Morocco	—	7	—	—	—	7
Nepal	—	—	*	2	*	2
Netherlands	41	51	101	130	143	180
Netherlands Antilles	11	19	188	150	199	168
New Caledonia	2	1	1	1	3	2
New Zealand	314	171	31	34	345	205
Nicaragua	*	—	2	3	2	3
Nigeria	*	—	—	2	*	2
Norway	10	7	368	524	379	531
Oman	*	*	*	*	1	1
Other Pacific Islands	*	1	2	1	2	2
Pakistan	—	—	*	—	*	—
Panama	20	67	41	81	61	148
Papua New Guinea	1	1	—	*	1	1
Paraguay	6	1	9	*	16	1
Peru	6	5	15	22	20	27
Philippines	3	6	1	4	4	10
Poland	4	1	—	—	4	1
Portugal	3	2	4	8	7	10
Romania	*	—	—	—	*	—
Saudi Arabia	*	—	—	—	*	—
Singapore	13	12	14	21	27	34
South Africa, Republic of	10	12	62	60	72	73
Spain	22	9	12	11	34	19
Sri Lanka	1	1	2	1	3	2
Sudan	1	—	1	—	2	—
Surinam	*	*	7	9	7	10
Sweden	34	28	414	462	448	491
Switzerland	27	39	3	6	30	46
Thailand	14	11	16	31	30	42
Togo	*	—	—	—	*	—
Trinidad and Tobago	1	1	10	9	12	10
Trust Terr. of Pacific Islands	1	*	2	3	3	4
Tunisia	*	*	—	—	*	*
Turkey	—	1	*	3	*	3
Turks Island	*	*	4	1	5	1
United Arab Emirates	3	8	2	1	4	10
United Kingdom	135	93	121	316	256	409
Uruguay	*	2	—	1	*	3
Venezuela	8	14	31	22	39	36
Western Africa	*	1	—	1	*	3
Western Samoa	—	1	1	1	1	2
Yugoslavia	—	—	2	4	2	4
TOTAL	**4,907**	**4,751**	**5,162**	**4,285**	**10,069**	**9,037**

NOTE: Because of rounding, detail may not add to total.

*Less than 500 gallons.

[a]Not including shipments specifically consigned to the U.S. military and naval forces abroad, shipments to officials of the U.S., including diplomatic representatives, for their official and personal use, ships' stores for consumption on vessels and shipments passing through the U.S. in transit from one country to another. Includes shipments to foreign diplomatic establishments outside the United States.

Source: Bureau of the Census, U.S. Department of Commerce.

Table 30. United States Shipments of Distilled Spirits to Puerto Rico and U.S. Virgin Islands, 1981 and 1982

(000 Proof Gallons)

Class and Type of Container	Puerto Rico				U.S. Virgin Islands				Total		
	Calendar Year			Percentage	Calendar Year			Percentage			Percentage
	1982	1981	Change	Change	1982	1981	Change	Change	1982	1981	Change
Whiskey											
Bottled	40	108	−67	−62.5	35	25	10	39.2	76	133	−43.0
Bulk	38	9	29	395.7	0	23	−23	−100.0	38	33	15.4
Total Whiskey	**78**	**117**	**−39**	**−33.1**	**35**	**49**	**−14**	**−27.6**	**114**	**166**	**−31.5**
Rum											
Bottled	564	164	401	244.6	74	77	−3	−3.5	639	241	165.2
Bulk	1,004	13	991	—	0	36	−36	−100.0	1,004	49	—
Total Rum	**1,568**	**177**	**1,391**	**—**	**74**	**113**	**−39**	**−34.3**	**1,642**	**290**	**466.6**
Gin	47	671	−624	−93.0	55	64	−9	−13.9	102	736	−86.1
Brandy	*	*	*	−46.7	1	2	−2	−71.5	1	3	−67.5
Other Distilled Spirits	625	146	479	328.7	263	268	−5	−1.7	888	414	114.8
Total Shipments	**2,318**	**1,111**	**1,207**	**108.6**	**429**	**497**	**−68**	**−13.6**	**2,747**	**1,608**	**70.9**

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding.
*Less than 500 gallons.
Source: Bureau of the Census, U.S. Department of Commerce.

Table 31. Shipments of Distilled Spirits From the United States to Puerto Rico and U.S. Virgin Islands by Class, 1973-1982

(000 Proof Gallons)

Calendar Year	Destination	Whiskey	Rum	Gin	Brandy	Other Distilled Spirits	Total
1973	Puerto Rico	41	76		10	152	278
	Virgin Islands	45	143		—	155	343
	Total	**86**	**219**	**NA**	**10**	**306**	**622**
1974	Puerto Rico	77	63		2	130	272
	Virgin Islands	42	160		1	138	341
	Total	**118**	**223**	**NA**	**3**	**268**	**613**
1975	Puerto Rico	36	18		3	139	195
	Virgin Islands	50	70		2	158	280
	Total	**86**	**88**	**NA**	**4**	**297**	**475**
1976	Puerto Rico	32	14		2	457	505
	Virgin Islands	74	146		7	122	349
	Total	**106**	**160**	**NA**	**9**	**578**	**854**
1977	Puerto Rico	10	2		1	364	378
	Virgin Islands	141	159		4	123	427
	Total	**151**	**162**	**NA**	**5**	**487**	**805**
1978	Puerto Rico	31	10	333	*	228	603
	Virgin Islands	95	178	83	12	221	589
	Total	**125**	**188**	**416**	**12**	**450**	**1,192**
1979	Puerto Rico	19	47	513	1	60	641
	Virgin Islands	60	88	81	12	270	512
	Total	**79**	**135**	**595**	**12**	**331**	**1,153**
1980	Puerto Rico	89	42	369	*	109	610
	Virgin Islands	46	70	53	19	233	420
	Total	**135**	**112**	**422**	**19**	**342**	**1,030**
1981	Puerto Rico	117	177	671	*	146	1,111
	Virgin Islands	49	113	64	2	268	497
	Total	**166**	**290**	**736**	**3**	**414**	**1,608**
1982	Puerto Rico	78	1,568	47	*	625	2,318
	Virgin Islands	35	74	55	1	263	429
	Total	**114**	**1,642**	**102**	**1**	**888**	**2,747**

NOTE: Because of rounding, detail may not add to total.
NA: Not available.
*Less than 500 gallons.
Source: Bureau of the Census, U.S. Department of Commerce.

Table 32. United States Dutiable Imports of Distilled Spirits for Consumption by Class, 1934–1982

(000 Tax or Proof Gallons[a])

Calendar Year	Whiskey			Gin	Rum	Brandy	Cordials	Vodka[c]	Tequila[d]	Other	Bitters[e]	Total
	Bottled	Bulk[b]	Total									
1934	—	—	5,625	153	316	556	—	—	—	584	—	7,234
1935	—	—	5,847	60	482	445	—	—	—	227	—	7,063
1940	—	—	9,715	56	407	773	261	—	—	26	—	11,238
1945	—	—	8,600	335	979	1,433	151	—	—	6,370	—	17,868
1950	14,966	365	15,330	108	232	791	319	—	—	96	—	16,877
1955	21,465	355	21,820	291	197	1,214	445	—	—	116	—	24,082
1960	31,302	1,645	32,947	1,149	245	1,828	812	—	—	221	—	37,203
1961	32,095	2,359	34,454	1,365	212	1,903	903	—	—	264	—	39,101
1962	34,685	3,485	38,170	1,611	214	1,992	998	—	—	302	—	43,287
1963	35,557	4,618	40,175	1,752	220	2,269	1,128	—	—	285	—	45,828
1964	36,947	7,463	44,411	2,167	491	1,925	1,326	—	—	370	—	50,689
1965	40,885	9,449	50,334	2,498	248	2,004	1,515	—	—	495	—	57,095
1966	40,906	12,017	52,923	2,808	273	2,152	1,662	—	—	632	—	60,450
1967	44,389	15,316	59,705	3,036	281	2,286	2,160	—	—	800	—	68,267
1968	48,370	18,132	66,502	3,193	284	2,310	2,315	—	—	938	—	75,544
1969	51,730	22,357	74,086	3,522	320	2,459	2,725	—	—	1,108	—	84,219
1970	53,757	26,176	79,933	3,869	367	2,674	2,917	—	—	1,143	—	90,903
1971	60,541	28,747	89,287	4,251	375	3,311	3,470	—	—	1,445	—	102,139
1972	55,918	31,768	87,686	4,201	399	2,694	3,145	—	—	2,030	—	100,156
1973	57,960	34,345	92,304	4,627	379	2,997	3,723	—	—	3,249	—	107,280
1974	58,097	35,821	93,917	4,965	426	2,786	4,056	—	4,308	507	—	110,966
1975	51,777	43,201	94,978	4,821	682	2,830	4,433	—	5,180	537	—	113,461
1976	52,448	39,621	92,069	5,073	588	3,894	4,905	—	5,556	629	—	112,713
1977	51,228	39,994	91,223	5,324	657	3,306	5,610	—	5,860	1,077	—	113,056
1978	54,767	47,118	101,886	6,212	874	4,381	7,370	—	6,361	1,520	—	128,602
1979	44,240	44,141	88,381	5,992	714	4,165	6,423	—	6,343	1,258	291	113,567
1980	41,496	44,505	86,000	5,754	1,090	4,885	7,303	1,463	6,890	184	182	113,751
1981	41,774	44,760	86,534	5,463	969	5,596	8,277	1,966	7,078	214	154	116,251
1982	38,027	38,570	76,597	5,246	774	5,996	8,923	1,745	6,657	201	127	106,265

NOTE: Because of rounding, detail may not add to total.

[a] Data for the years 1934 through 1978 are in tax gallons; data for 1979 through 1982 are in proof gallons.

[b] Indicates shipments in wood or metal containers each holding more than one gallon.

[c] Before 1980 vodka included in "Other."

[d] Before 1974 tequila included in "Other."

[e] Before 1979 bitters included in "Other."

Figure 10. United States Imports of Distilled Spirits, 1972 and 1982

(Millions of Wine Gallons)

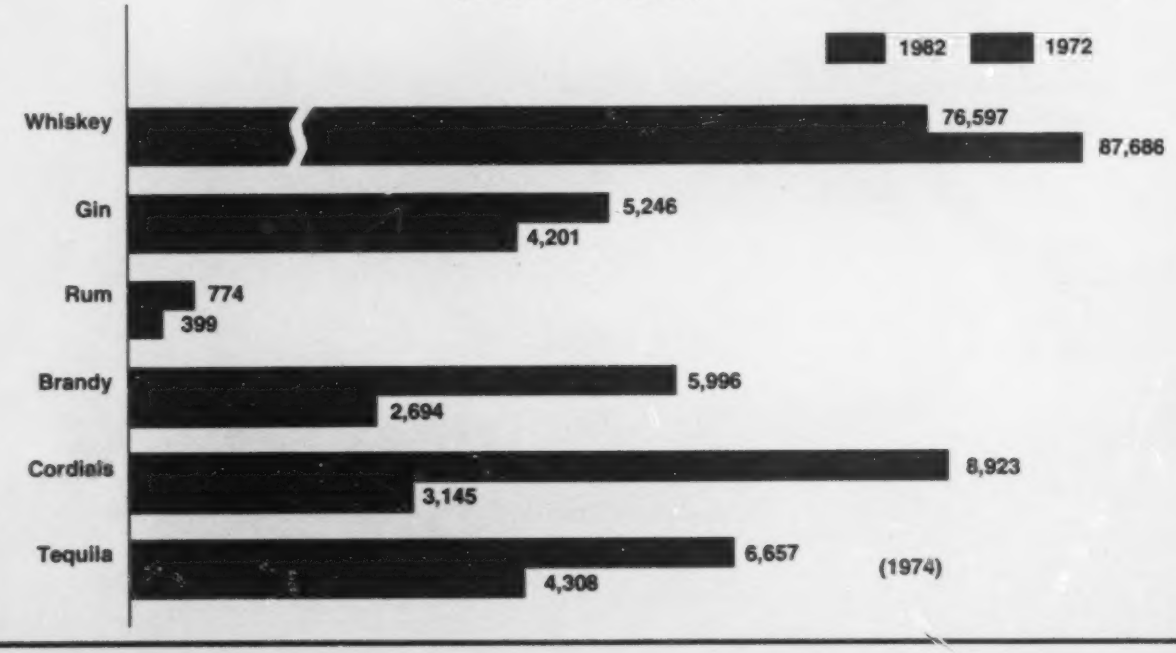

Table 33. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1981 and 1982

(000 Proof Gallons)

Country of Origin	1982 In Containers of One Gallon or Less	1982 In Containers of Over One Gallon	1982 Total	1981 In Containers of One Gallon or Less	1981 In Containers of Over One Gallon	1981 Total
			WHISKEY			
Belgium	—	6	6	—	—	—
Canada	16,570	23,336	39,906	17,810	28,010	45,820
Federal Rep. of Germany	1	6	8	2	—	2
Ireland	67	430	496	92	468	560
Italy	—	—	—	1	—	1
Japan	13	—	13	11	—	11
Korea, Republic of	—	—	—	*	—	*
Panama	2	—	2	2	—	2
Poland	*	—	*	*	—	*
United Kingdom	21,374	14,792	36,166	23,857	16,282	40,139
Total Whiskey	**38,027**	**38,570**	**76,597**	**41,774**	**44,760**	**86,534**
			GIN			
Belgium	—	—	—	2	—	2
Canada	27	10	37	3	—	3
Federal Rep. of Germany	8	—	8	6	*	6
Finland	—	—	—	1	—	1
France	9	—	9	4	—	4
Greece	1	—	1	—	—	—
Guyana	*	—	*	—	—	—
India	1	—	1	*	—	*
Ireland	1	—	1	—	—	—
Israel	*	—	*	*	—	*
Italy	1	*	1	—	1	1
Mexico	2	—	2	3	—	3
Netherlands	17	—	17	6	*	6
Norway	—	—	—	*	—	*
Peru	*	—	*	—	—	—
Poland	*	—	*	—	—	—
Spain	1	—	1	1	—	1
Sweden	*	—	*	*	—	*
U.S.S.R.	—	—	—	1	—	1
United Kingdom	5,032	135	5,167	5,287	148	5,435
Total Gin	**5,101**	**145**	**5,246**	**5,314**	**149**	**5,463**
			RUM			
Austria	4	—	4	1	—	1
Bahamas	10	—	10	9	*	9
Barbados	19	66	86	17	138	155
Bermuda	1	—	1	1	—	1
Br. Virgin Islands	8	—	8	1	—	1
Brazil	2	—	2	*	—	*
Canada	1	4	5	1	3	4
Cayman Islands	—	—	—	*	—	*
Chile	*	—	*	—	—	—
Colombia	5	—	5	2	—	2
Cyprus	*	—	*	—	—	—
Dominican Republic	—	43	43	—	27	27
Federal Rep. of Germany	10	—	10	1	—	1
French West Indies	4	24	28	3	28	31
Guyana	21	20	41	14	4	18
Haiti	13	—	13	17	8	25
India	—	7	7	—	15	15
Jamaica	53	444	497	47	591	637
Mexico	*	3	3	*	—	*
Netherlands Antilles	1	—	1	2	*	2
Philippines	3	—	3	21	2	23
Poland	*	—	*	—	—	—
Trinidad and Tobago	3	—	3	6	—	6
United Kingdom	1	—	1	—	—	—
Venezuela	5	—	5	9	—	9
Yugoslavia	*	—	*	—	—	—
Total Rum	**164**	**610**	**774**	**154**	**814**	**969**

Table 33, Cont'd. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1981 and 1982

(000 Proof Gallons)

Country of Origin	1982			1981		
	In Containers of			In Containers of		
	One Gallon or Less	Over One Gallon	Total	One Gallon or Less	Over One Gallon	Total
			BRANDY			
Argentina	1	—	1	*	6	7
Austria	1	*	1	*	—	*
Belgium	—	1	1	2	3	5
Brazil	—	500	500	*	—	*
Canada	1	—	1	1	—	1
Chile	*	—	*	—	—	—
China (People's Republic of China)	—	—	—	1	—	1
Cyprus	*	—	*	*	—	*
Czechoslovakia	*	—	*	*	—	*
Denmark	*	—	*	1	—	1
Federal Rep. of Germany	36	13	50	19	1	19
France	3,680	752	4,432	3,638	745	4,383
German Democratic Republic	—	—	—	*	—	*
Greece	3	—	3	4	13	17
Hungary	2	—	2	—	—	—
Iran	*	—	*	*	—	*
Ireland	*	—	*	1	—	1
Israel	7	—	7	6	—	6
Italy	10	74	84	12	66	78
Japan	*	—	*	*	—	*
Mexico	366	8	374	371	—	371
Netherlands	6	—	6	5	2	7
Netherlands Antilles	3	—	3	2	—	2
Peru	1	18	19	1	23	23
Poland	*	—	*	1	—	1
Portugal	35	7	43	37	14	51
South Africa	*	—	*	*	—	*
Spain	332	27	359	459	45	504
Sweden	—	—	—	*	*	*
Switzerland	2	—	2	1	—	1
U.S.S.R.	10	—	10	1	—	1
United Kingdom	45	6	51	43	40	83
Yugoslavia	39	8	47	24	6	30
Total Brandy	**4,582**	**1,414**	**5,996**	**4,631**	**964**	**5,596**
			CORDIALS, LIQUEURS, KIRSCHWASSER, AND RATAFIA			
Argentina	—	—	—	*	—	*
Australia	4	—	4	6	—	6
Austria	3	—	3	4	—	4
Azores	4	—	4	2	—	2
Bahamas	12	—	12	13	1	14
Belgium	18	*	18	11	*	11
Bermuda	*	—	*	3	—	3
Brazil	—	—	—	*	—	*
Bulgaria	—	—	—	*	—	*
Canada	68	577	645	17	491	507
China (People's Republic of China)	7	—	7	5	—	5
China (Taiwan)	1	—	1	1	—	1
Colombia	25	—	25	30	—	30
Costa Rica	*	—	*	—	—	—
Cyprus	1	—	1	1	—	1
Czechoslovakia	*	—	*	—	—	—
Denmark	37	—	37	44	—	44
Dominican Republic	*	—	*	6	—	6
Federal Rep. of Germany	161	1	162	121	7	128
Finland	4	—	4	1	—	1
France	1,169	85	1,253	1,111	105	1,216
French West Indies	*	—	*	—	—	—
German Democratic Republic	—	—	—	1	—	1
Gibraltar	*	—	*	—	—	—
Greece	167	1	167	138	16	154
Haiti	*	—	*	*	—	*
Hong Kong	4	—	4	5	—	5
Hungary	1	—	1	1	—	1
Iceland	1	—	1	1	—	1
Ireland	1,000	5	1,005	689	2	691

Table 33, Cont'd. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1981 and 1982

(000 Proof Gallons)

Country of Origin	1982			1981		
	In Containers of			In Containers of		
	One Gallon or Less	Over One Gallon	Total	One Gallon or Less	Over One Gallon	Total
	CORDIALS, LIQUEURS, KIRSCHWASSER, AND RATAFIA (Cont'd.)					
Israel	6	5	11	3	6	9
Italy	968	892	1,860	946	734	1,680
Jamaica	25	218	243	32	391	424
Japan	124	—	124	122	—	122
Mexico	55	2,455	2,510	128	2,229	2,357
Netherlands	23	5	28	13	13	26
Netherlands Antilles	3	—	3	1	—	1
New Zealand	*	—	*	*	—	*
Norway	*	—	*	*	—	*
Peru	*	—	*	*	—	*
Poland	4	—	4	3	—	3
Portugal	5	—	5	6	—	6
Sierra Leone	1	—	1	*	—	*
South Africa	*	*	*	*	—	*
Spain	81	—	81	69	*	69
Sweden	9	—	9	—	—	—
Switzerland	2	1	3	1	1	2
Trinidad and Tobago	*	—	*	—	—	—
Turkey	5	—	5	13	*	14
U.S.S.R.	*	—	*	2	*	2
United Kingdom	677	*	678	697	30	727
Yugoslavia	3	*	3	4	—	4
Total Cordials, etc.	**4,678**	**4,245**	**8,923**	**4,250**	**4,027**	**8,277**
	VODKA					
Austria	*	—	*	1	—	1
Belgium	—	—	—	*	—	*
Brazil	—	19	19	19	517	536
Canada	21	—	21	67	2	69
China (People's Republic of China)	1	—	1	3	—	3
Czechoslovakia	*	—	*	—	—	—
Denmark	2	—	2	1	—	1
Federal Rep. of Germany	7	—	7	3	—	3
Finland	237	1	238	230	4	234
France	*	—	*	2	—	2
Greece	1	—	1	—	—	—
Ireland	—	—	—	*	—	*
Israel	1	—	1	2	—	2
Italy	—	—	—	*	—	*
Jamaica	3	—	3	—	—	—
Japan	11	—	11	44	—	44
Mexico	*	—	*	6	—	6
Netherlands	*	—	*	2	*	2
Poland	40	—	40	72	18	90
Spain	—	—	—	*	—	*
Sweden	234	—	234	163	*	163
Switzerland	1	—	1	—	—	—
Trinidad and Tobago	*	—	*	—	—	—
U.S.S.R.	1,093	1	1,094	795	5	801
United Kingdom	69	4	72	10	—	10
Yugoslavia	—	—	—	*	—	*
Total Vodka	**1,722**	**23**	**1,745**	**1,420**	**546**	**1,966**

Table 33, Cont'd. United States Dutiable Imports of Distilled Spirits for Consumption by Class and Country of Origin, 1981 and 1982

(000 Proof Gallons)

Country of Origin	1982 In Containers of One Gallon or Less	1982 In Containers of Over One Gallon	1982 Total	1981 In Containers of One Gallon or Less	1981 In Containers of Over One Gallon	1981 Total
			TEQUILA			
Mexico	31	6,625	6,657	35	7,043	7,078
			BITTERS			
Austria	*	—	*	*	—	*
Canada	—	—	—	2	—	2
Colombia	—	*	*	—	*	*
Czechoslovakia	*	—	*	—	—	—
Denmark	*	—	*	1	—	1
Federal Rep. of Germany	15	—	15	1	—	1
Greece	—	—	—	2	—	2
Italy	3	65	68	3	64	67
Netherlands Antilles	—	*	*	—	—	—
Spain	*	—	*	*	—	*
Switzerland	*	—	*	*	—	*
Trinidad and Tobago	5	38	43	*	80	80
United Kingdom	*	—	*	—	—	—
Yugoslavia	—	—	—	*	—	*
Total Bitters	**24**	**103**	**127**	**10**	**144**	**154**
			OTHER DISTILLED SPIRITS			
Austria	*	—	*	*	—	*
Bahamas	—	—	—	—	1	1
Brazil	2	*	2	*	1	2
Canada	*	—	*	18	1	20
Chile	*	—	*	—	—	—
China (People's Republic of China)	8	—	8	6	—	6
China (Taiwan)	9	—	9	5	*	5
Colombia	27	—	27	18	—	18
Denmark	6	—	6	7	16	22
Dominican Republic	—	—	—	3	—	3
Federal Rep. of Germany	2	—	2	*	—	*
Finland	1	—	1	2	—	2
France	3	*	3	2	*	3
Greece	7	—	7	1	*	1
Hong Kong	3	—	3	2	—	2
Ireland	—	—	—	—	8	8
Israel	5	—	5	5	—	5
Italy	*	*	*	1	*	1
Japan	1	—	1	1	—	1
Korea, Republic of	4	—	4	*	—	*
Lebanon	3	4	7	4	—	4
Mexico	80	—	80	78	—	78
Netherlands	*	—	*	1	—	1
Norway	2	—	2	2	—	2
Panama	*	—	*	1	—	1
Poland	1	2	3	*	5	5
Sweden	1	—	1	2	—	2
U.S.S.R.	*	—	*	3	—	3
United Kingdom	30	1	30	20	*	20
Venezuela	—	—	—	*	—	*
Yugoslavia	—	*	*	*	—	*
Total Other Distilled Spirits	**193**	**8**	**201**	**181**	**33**	**214**

NOTE: Because of rounding, detail may not add to total. These statistics refer to shipments on which duty has been paid and imported for immediate consumption as well as shipments withdrawn from bonded warehouses and entered for consumption. Imports that have entered a bonded warehouse are not considered as imports until withdrawn.

*Less than 500 gallons.

Source: Bureau of the Census, U.S. Department of Commerce.

Table 34. United States Dutiable Imports of Distilled Spirits for Consumption, by Class, Bottled[a] and Bulk[b], 1981 and 1982

(000 Proof Gallons)

Class and Type of Container	Calendar Year 1982	Calendar Year 1981	Gallonage Change	Percentage Change
Whiskey Total	**76,597**	**86,534**	**−9,937**	**−11.5**
Bottled	38,027	41,774	−3,747	−9.0
Bulk	38,570	44,760	−6,190	−13.8
Gin Total	**5,246**	**5,463**	**−217**	**−4.0**
Bottled	5,101	5,314	−213	−4.0
Bulk	145	149	−4	−2.6
Rum Total	**774**	**969**	**−195**	**−20.1**
Bottled	164	154	9	6.0
Bulk	610	814	−204	−25.1
Brandy Total	**5,996**	**5,596**	**400**	**7.2**
Bottled	4,582	4,631	−49	−1.1
Bulk	1,414	964	450	46.7
Vodka Total	**1,745**	**1,966**	**−221**	**−11.3**
Bottled	1,722	1,420	302	21.2
Bulk	23	546	−523	−95.7
Cordials, Liqueurs, etc., Total	**8,923**	**8,277**	**646**	**7.8**
Bottled	4,678	4,250	428	10.1
Bulk	4,245	4,027	218	5.4
Tequila Total	**6,657**	**7,078**	**−421**	**−5.9**
Bottled	31	35	−3	−9.8
Bulk	6,625	7,043	−418	−5.9
Spirits, N.E.S. Total	**201**	**214**	**−13**	**−6.2**
Bottled	193	181	12	6.5
Bulk	8	33	−25	−76.5
Bitters Total	**127**	**154**	**−27**	**−17.7**
Bottled	24	10	13	125.8
Bulk	103	144	−40	−28.1
Bottled Total	**54,521**	**57,770**	**−3,249**	**−5.6**
Bulk Total	**51,745**	**58,481**	**−6,736**	**−11.5**
Total Dutiable Imports	**106,265**	**116,251**	**−9,986**	**−8.6**

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding.

[a] Shipments in bottles each holding one gallon or less.

[b] Shipments in wood or metal containers each holding more than one gallon.

Source: Bureau of the Census, U.S. Department of Commerce.

Table 35. Shipments of Distilled Spirits to United States From Puerto Rico and U.S. Virgin Islands, 1935-1982

(000 Proof Gallons)

Calendar Year	From Puerto Rico					From U.S. Virgin Islands					Total Shipments
	Rum			Other Distilled Spirits	Total	Rum			Other Distilled Spirits	Total	
	Bottled[a]	Bulk[a]	Total			Bottled[a]	Bulk[a]	Total			
1935	—	—	89	1	90	—	—	65	—	65	155
1940	—	—	1,445	10	1,456	—	—	384	45	429	1,885
1945	—	—	2,909	27	2,936	—	—	930	—	930	3,866
1950	—	—	1,332	2	1,334	—	—	624	3	627	1,961
1955	—	—	1,597	5	1,602	—	—	444	33	478	2,080
1960	—	—	2,089	5	2,094	—	—	701	122	823	2,917
1961	—	—	2,537	55	2,593	—	—	693	93	786	3,379
1962	—	—	3,300	259	3,559	—	—	785	7	791	4,350
1963	—	—	3,033	669	3,703	—	—	735	11	746	4,448
1964	—	—	3,245	251	3,496	—	—	1,229	18	1,247	4,743
1965	—	—	3,721	115	3,836	—	—	918	15	933	4,769
1966	—	—	4,052	68	4,120	—	—	1,360	2	1,362	5,482
1967	—	—	4,940	71	5,010	—	—	1,258	8	1,266	6,277
1968	—	—	5,201	68	5,269	—	—	1,492	9	1,501	6,771
1969	—	—	4,852	70	4,921	—	—	1,421	12	1,433	6,354
1970	—	—	7,240	81	7,320	—	—	1,684	3	1,687	9,008
1971	—	—	8,473	71	8,544	—	—	2,103	3	2,107	10,651
1972	7,263	1,423	8,686	24	8,710	95	1,589	1,685	11	1,696	10,405
1973	8,365	1,430	9,795	16	9,811	77	1,633	1,709	*	1,710	11,521
1974	6,997	2,836	9,834	38	9,872	53	1,688	1,741	1	1,742	11,614
1975	7,403	3,746	11,149	48	11,197	52	1,940	1,992	—	1,992	13,189
1976	6,932	5,209	12,141	51	12,192	36	1,922	1,958	—	1,958	14,150
1977	8,848	5,913	14,761	57	14,817	29	2,024	2,053	—	2,053	16,870
1978	9,079	9,075	18,154	120	18,274	23	3,426	3,449	—	3,449	21,723
1979	9,779	13,477	23,257	151	23,408	39	3,207	3,246	—	3,246	26,653
1980	6,929	14,855	21,784	160	21,944	33	3,561	3,595	—	3,595	25,539
1981	8,216	14,099	22,315	93	22,407	19	3,375	3,394	—	3,394	25,802
1982	6,686	13,858	20,543	247	20,790	23	3,377	3,400	—	3,400	24,191

NOTE: Because of rounding, detail may not add to total.

*Less than 500.

[a]Bottled and bulk rum from Puerto Rico and the U.S. Virgin Islands not available separately from 1935 to 1971.

Sources: Virgin Islands Rum Council; Puerto Rico Rum Producers Association, Inc; Bureau of the Census, U.S. Department of Commerce.

APPARENT CONSUMPTION

Per Capita Consumption

Apparent consumption of distilled spirits is a measurement of spirits moving toward consumption as indicated by sales at retail in most control states and taxes paid by wholesalers in other states. Apparent consumption does not represent actual ingestion by consumers. Apparent consumption may not represent actual consumer intake because of stock changes and other factors, such as the lag between the time of wholesale tax payments or retail sales and actual ingestion by consumers.

Adult, per capita apparent consumption of distilled spirits in 1982 dropped 4.1 percent from 1981, to 2.59 wine gallons from 2.70 gallons (Table 36). After the almost unchanged consumption of the decade prior to 1981, the 4.1 percent decline in 1982 was relatively radical. The decline can be attributed to the economic recession and to high interest rates, among other factors.

[1]Apparent consumption in control states is based mostly on retail sales by state stores and agencies. Estimates for license states are computed from monthly state tax collections at the wholesale level with the following exceptions: In Alaska, Georgia, Missouri, South Carolina, and South Dakota, consumption is based on shipments from distillers to wholesalers; Hawaiian estimates are based on semiannual tax data; Wisconsin estimates are based on wholesale shipments.

Stock changes at the retail level and in the home affect apparent consumption estimates in a given year. Irregularity in compiling tax collections can also cause distortions, especially over relatively short periods of time.

Consumption per capita for the entire population fell 3.6 percent between 1981 and 1982 or to 1.89 wine gallons from 1.96 gallons. Consumption in license states dropped 3.8 percent to 2.02 wine gallons per capita from 2.10 gallons in 1981. In control states the decline was 3.7 percent, from 1.63 to 1.57 gallons per capita (Table 39).

Table 40 shows adult per capita consumption of distilled spirits, wine, and beer in the different states. Consumption in some states is affected by special conditions such as sales to consumers from other states, which result from lower cross-border prices. Moreover, tourist trade in some states raises apparent consumption while decreasing consumption in other states. For example, District of Columbia and Nevada consumption estimates are inflated because of tourist trade and cross-border sales.

Total Consumption

Total U.S. consumption of distilled spirits is estimated at 437.7 million wine or liquid gallons in 1982, 2.6 percent less than 1981 (Tables 36 and 37).

Consumption in license states, at 331 million gallons in 1982, was 2.5 percent less than in 1981 (Tables 38 and 39). Nine license states increased consumption while consumption in 23 states and the District of Columbia decreased. In control states, consumption decreased 3.0 percent to total 107 million gallons in 1982; consumption decreased in all control states.

Table 36. Apparent Consumption of Distilled Spirits in the United States, License and Control States, 1934-1982

	License States[a]			Control States			Total	All States Allowing Sale of Distilled Spirits				
Calendar Year	Wine Gallons (000)	Per Capita (Resident)	Percentage of Total Consumption	Wine Gallons (000)	Per Capita (Resident)	Percentage of Total Consumption	Wine Gallons (000)	Number of States[a]	Resident Population (000)	Per Capita (Resident)	Population 18 Years and Over (000)	Per Capita (Adult)
1934	45,892	0.78	79.1	12,073	0.41	20.9	57,965	28	88,707	0.65	—	—
1935	65,219	0.91	72.7	24,452	0.65	27.3	89,670	41	109,042	0.82	—	—
1940	101,736	1.22	70.2	43,256	1.03	29.8	144,992	46	125,662	1.15	—	—
1945	142,220	1.68	74.8	47,911	1.15	25.2	190,131	46	126,338	1.50	—	—
1950	138,966	1.40	73.1	51,053	1.07	26.9	190,020	47	146,823	1.29	—	—
1955	145,422	1.34	72.9	54,148	1.05	27.1	199,571	47	159,959	1.25	—	—
1960	175,573	1.44	74.8	59,141	1.09	25.2	234,715	49	176,512	1.33	—	—
1961	182,707	1.46	75.7	58,742	1.06	24.3	241,449	49	180,082	1.34	—	—
1962	192,693	1.52	76.0	61,008	1.09	24.0	253,701	49	182,879	1.39	—	—
1963	196,780	1.51	76.0	62,200	1.11	24.0	258,979	49	185,687	1.39	—	—
1964	209,721	1.59	76.0	66,141	1.16	24.0	275,862	49	188,365	1.46	—	—
1965	223,889	1.66	76.1	70,355	1.23	23.9	294,244	50	191,496	1.54	—	—
1966	233,071	1.71	75.4	75,845[b]	1.27	24.6	308,917	51	195,857	1.58	—	—
1967	243,902	1.78	75.3	80,094	1.32	24.7	323,996	51	197,863	1.64	—	—
1968	261,514	1.89	75.5	84,730	1.39	24.5	346,244	51	199,312	1.74	—	—
1969	272,534	1.95	75.3	89,240	1.46	24.7	361,774	51	201,306	1.80	—	—
1970	279,534	1.98	75.4	91,039	1.47	24.6	370,574	51	203,302	1.82	133,218	2.78
1971	288,368	2.00	75.4	94,156	1.51	24.6	382,523	51	206,172	1.86	136,629	2.80
1972	296,281	2.03	75.2	97,555	1.55	24.8	393,836	51	208,654	1.89	139,527	2.82
1973	306,727	2.08	75.4	100,332	1.58	24.6	407,059	51	210,761	1.93	142,293	2.86
1974	314,444	2.11	75.4	102,841	1.61	24.6	417,285	51	212,779	1.96	145,101	2.88
1975	318,685	2.12	75.3	104,735	1.62	24.7	423,420	51	214,943	1.97	148,102	2.86
1976	320,086	2.11	75.1	106,307	1.63	24.9	426,394	51	217,074	1.96	151,146	2.82
1977	323,813	2.11	75.0	107,740	1.64	25.0	431,553	51	219,308	1.97	154,190	2.80
1978	332,925	2.14	75.1	110,536	1.67	24.9	443,461	51	221,665	2.00	157,241	2.82
1979	335,418	2.12	75.0	112,078	1.68	25.0	447,497	51	224,068	2.00	160,373	2.79
1980	337,631	2.11	75.1	111,786	1.66	24.9	449,417	51	227,156	1.98	162,761	2.76
1981	339,177	2.10	75.5	110,276	1.63	24.5	449,453	51	229,307	1.96	166,147	2.70
1982	330,677	2.02	75.6	106,982	1.57	24.4	437,659	51	231,534	1.89	168,769	2.59

NOTE: Because of rounding, detail may not add to total. Excludes Hawaii, 1934–1964.

[a]Includes District of Columbia.

[b]Includes Mississippi gallonage from July through December 1966.

Source: Distilled Spirits Council of the United States, Inc.; Bureau of the Census, U.S. Department of Commerce.

Where available, license state consumption based on taxed gallonage reported by state tax authorities. In other states, estimated from state treasury tax collections by dividing revenues collected by tax rate per gallon. In Alaska, Georgia, Hawaii, Missouri, South Carolina, and South Dakota, consumption represents sales by distillers to wholesalers and in Wisconsin sales by wholesalers to retailers. Hawaiian estimates are based on semiannual tax data.

Control state consumption is actual retail sales in state liquor stores as reported to the National Alcohol Beverage Control Association, except in Mississippi and Wyoming where statistics represent wholesale sales by state liquor control boards to private retailers.

Note: Actual consumption takes place *after* tax collections and wholesale shipments are made. Also, stock changes at the retail level and in the home not included in the estimates.

Figure 11. Apparent Consumption of Distilled Spirits in the U...ed States, 1965-1982

(Millions of Wine Gallons)

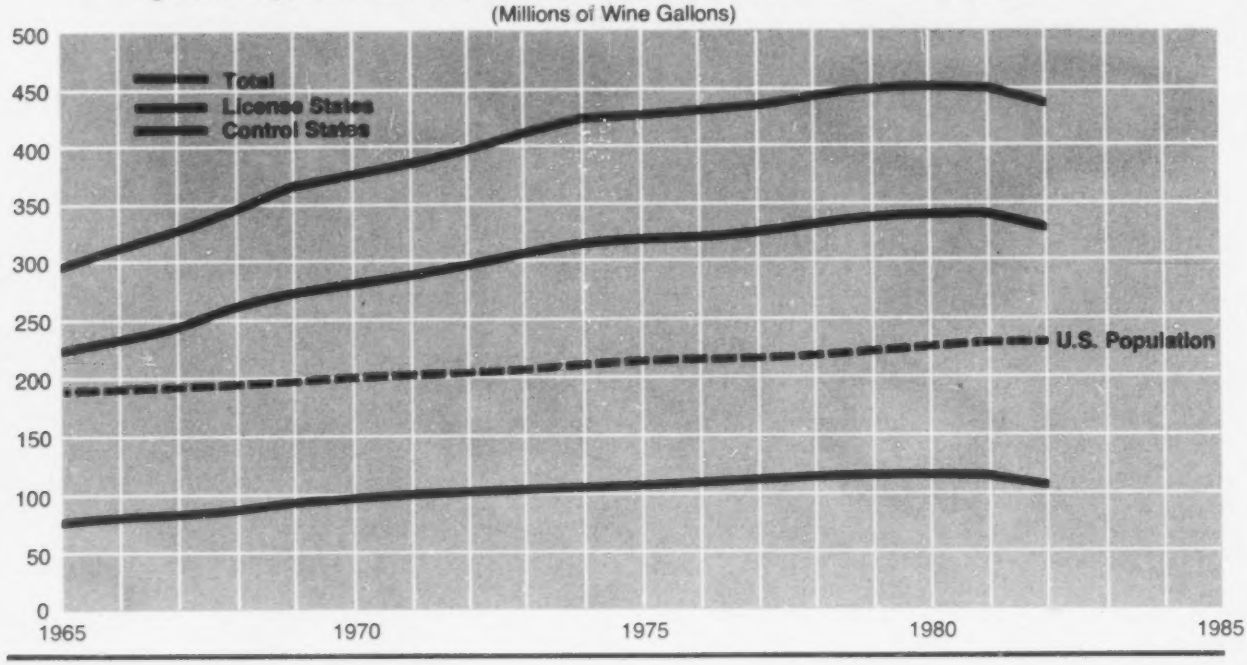

Table 37. Apparent Consumption of Distilled Spirits in the United States by Month, 1981 and 1982

(000 Wine Gallons)

Month	1982	Percentage of Annual Consumption[a]	1981	Percentage of Annual Consumption[a]	Percentage Change
January	30,699	7.0	32,841	7.4	-6.5
February	30,220	6.9	30,877	6.9	-2.1
March	35,686	8.2	35,675	8.0	—
April	36,127	8.3	37,032	8.3	-2.4
May	33,288	7.6	34,418	7.7	-3.3
June	37,202	8.5	37,718	8.4	-1.4
July	33,473	7.7	35,909	8.0	-6.8
August	32,745	7.5	33,207	7.4	-1.4
September	34,931	8.0	34,747	7.8	0.5
October	36,327	8.3	38,770[r]	8.7	-6.3
November	43,130	9.9	42,005[r]	9.4	2.7
December	51,675	11.9	54,089	12.1	-4.4
Total[b]	**437,659**	**100.0**	**449,453**	**100.0**	**-2.6**

NOTE: Because of rounding, detail may not add to total.

[a]Percentage of total excluding Hawaii.

[b]Totals shown include Hawaii.

[r]Revised.

Source: Distilled Spirits Council of the United States, Inc.

Table 38. Apparent Consumption of Distilled Spirits by State, 1973–1982

(000 Wine Gallons)

State	1982	1981	1980	1979	1978	1977	1976	1975	1974	1973
License States[a]										
*Alaska	1,378	1,362	1,240	1,186	1,220	1,300	1,391	1,359	1,112	1,003
Arizona	5,697	5,637	5,136	5,324	5,001	4,584	4,402	4,145	4,081	3,871
Arkansas	2,738	2,982	2,976	2,378	2,998	2,537	2,535	2,366	2,355	2,176
California	54,464	56,423	57,069	56,590	56,981	53,573	52,529	52,054	50,685	49 052
Colorado	6,905	7,181	7,287	6,855	7,336	6,084	6,381	6,311	6,075	5,710
Connecticut	7,569	7,343	7,386	7,356	7,292	7,296	7,195	7,271	7,407	7,356
Delaware	1,552	1,637	1,621	1,482	1,521	1,493	1,492	1,532	1,521	1,543
District of Columbia	3,503	3,768	3,828	3,903	4,062	4,262	4,591	4,828	4 932	5,162
Florida	26,264	26,615	26,492	25,234	24,186	23,502	22,709	22,330	22,489	22,002
*Georgia	10,977	11,119	11,037	11,264	10,919	10,527	10,718	9,945	9,181	8,429
Hawaii	2,155	2,165	2,175	2,175	2,160	2,190	2,024	1,970	1,947	1,809
Illinois	23,404	24,460	25,072	25,181	25,204	25,693	26,112	26,826	26,411	26,360
Indiana	7,898	8,093	8,019	8,147	7,825	8,009	7,110	7,006	6,755	5,815
Kansas	3,109	3,195	2,808	3,294	2,989	2,909	2,913	2,935	2,906	2,748
Kentucky	5,283	5,250	5,084	5,149	5,158	4,906	4,857	5,006	4,827	4,793
Louisiana	8,058	8,107	8,090	8,001	7,792	7,383	7,073	6,700	6,215	6,058
Maryland	10,516	10,958	11,086	11,086	10,979	10,914	10,834	10,739	10,473	10,137
Massachusetts	14,121	14,236	14,373	14,111	14,125	13,923	13,950	14,273	14,707	14,299
Minnesota	8,797	9,307	9,370	9,053	8,869	8,720	8,528	8,426	8.637	8,224
*Missouri	6,258	6,892	6,938	7,379	7,480	7,028	7,075	7,680	7,771	7,198
Nebraska	2,523	2,659	2,659	2,676	2,690	2,697	2,733	2,718	2,774	2,645
Nevada	4,288	4,462	4,565	4,389	4,611	4,593	4,360	4,096	3,686	3,489
New Jersey	16,643	16,751	16,272	15,712	15,649	15,894	15,902	16,155	16,527	16,690
New Mexico	2,159	2,142	2,208	2,046	2,114	2,026	1,980	1,954	1,846	1,737
New York	37,897	39,332	39,778	40,328	39,824	40,245	41,070	41,740	42,279	42,890
North Dakota	1,424	1,408	1,386	1,391	1,421	1,391	1,388	1,384	1,384	1,285
Oklahoma	5,041	4,941	4,122	4,679	4,577	4,550	3,905	4,188	3,751	3,797
Rhode Island	1,988	1,970	2,133	2,034	2,104	2,031	2,073	2,131	2,120	2,059
*South Carolina	6,057	6,287	6,245	6,490	6,682	6,143	6,438	6,111	6,213	5,746
*South Dakota	1,267	1,358	1,401	1,359	1,375	1,386	1,312	1,242	1,209	1,204
Tennessee	6,274	6,355	6,115	6,132	5,989	5,747	5,619	5,357	5,133	4,913
Texas	23,987	23,563	22,149	21,776	20,516	19,122	17,991	17,168	16,289	15,263
**Wisconsin	10,483	11,219	11,511	11,259	11,276	11,156	10,896	10,739	10,765	11,265
Subtotal License States	**330,677**	**339,177**	**337,631**	**335,418**	**332,925**	**323,813**	**320,086**	**318,685**	**314,444**	**306,727**
Control States[b]										
Alabama	5,413	5,463	5,475	5,969	5,994	5,747	5,565	5,395	5,060	4,869
Idaho	1,357	1,391	1,326	1,307	1,296	1,224	1,160	1,135	1,056	982
Iowa	3,646	3,846	3,981	3,973	4,015	4,044	4,043	3,945	3,828	3,662
Maine	2,235	2,284	2,289	2,275	2,195	2,143	2,064	1,951	1,928	1,822
Michigan	17,148	17,510	17,982	17,998	17,909	17,308	17,188	16,721	16,662	16,273
**Mississippi	3,843	3,914	3,976	3,974	3,809	3,659	3,522	3,366	3,199	2,990
Montana	1,546	1,576	1,545	1,533	1,584	1,585	1,516	1,474	1,414	1,355
New Hampshire	4,328	4,419	4,439	4,452	4,687	4,594	4,465	4,477	4,233	4,268
North Carolina	9,875	9,889	9,677	9,425	8,860	8,542	8,500	8,292	8,225	8,055
Ohio	13,627	14,041	14,835	15,113	14,937	14,791	14,722	14,812	14,976	14,746
Oregon	4,492	4,706	4,787	4,662	4,484	4,303	4,062	3,961	3,801	3,684
Pennsylvania	16,165	16,853	16,733	16,980	17,068	16,971	17,161	17,272	17,216	17,102
Utah	1,434	1,499	1,502	1,424	1,365	1,287	1,238	1,184	1,116	1,107
Vermont	1,243	1,327	1,364	1,414	1,427	1,398	1,499	1,528	1,505	1,500
Virginia	9,344	9,451	9,411	9,329	9,096	8,819	8,686	8,621	8,592	8,482
Washington	8,125	8,518	8,648	8,393	8,039	7,641	7,304	7,066	6,702	6,290
West Virginia	2,049	2,445	2,667	2,764	2,714	2,700	2,701	2,657	2,498	2,387
**Wyoming	1,113	1,147	1,150	1,093	1,056	984	914	878	830	758
Subtotal Control States	**106,982**	**110,276**	**111,786**	**112,078**	**110,536**	**107,740**	**106,307**	**104,735**	**102,841**	**100,332**
Total United States	**437,659**	**449,453**	**449,417**	**447,497**	**443,461**	**431,553**	**426,394**	**423,420**	**417,285**	**407,059**

NOTE: Because of rounding, detail may not add to total.

[a]License States: *Based on shipments from distillers to wholesalers.
**Based on shipments from wholesalers to retailers and other outlets.

[b]Control States: All control state data except Mississippi and Wyoming are retail sales by liquor stores. Mississippi and Wyoming data represent wholesale sales from state-controlled warehouses to private retail establishments.

Source: Distilled Spirits Council of the United States, Inc. (See Table 36 for details.)

Table 39. Apparent Consumption of Distilled Spirits, by State, Total and Per Capita, 1981 and 1982

Population[c] July 1, 1982 (000)	Percentage of Total Population	Percentage of U.S. Total Consumption 1982	Percentage of U.S. Total Consumption 1981	License States[a]	Rank 1982	Rank 1981	Consumption by State 000 Wine Gallons 1982	Consumption by State 000 Wine Gallons 1981	Consumption by State Percentage Change	Consumption Per Capita Wine Gallons 1982	Consumption Per Capita Wine Gallons 1981	Consumption Per Capita Rank 1982	Consumption Per Capita Rank 1981
436	0.19	0.31	0.30	*Alaska	47	48	1,378	1,362	1.2	3.15	3.30	4	4
2,860	1.24	1.30	1.25	Arizona	25	25	5,697	5,637	1.1	1.99	2.02	22	23
2,291	0.99	0.63	0.66	Arkansas	36	36	2,738	2,982	−8.2	1.19	1.30	49	49
24,724	10.68	12.44	12.55	California	1	1	54,464	56,423	−3.5	2.20	2.33	14	13
3,045	1.32	1.58	1.60	Colorado	21	21	6,905	7,181	−3.8	2.27	2.42	11	10
3,153	1.36	1.73	1.63	Connecticut	20	20	7,569	7,343	3.1	2.40	2.34	10	12
602	0.26	0.35	0.36	Delaware	43	43	1,552	1,637	−5.2	2.58	2.74	5	5
631	0.27	0.80	0.84	Dist. of Columbia	34	34	3,503	3,768	−7.0	5.55	5.97	1	1
10,416	4.50	6.00	5.92	Florida	3	3	26,264	26,615	−1.3	2.52	2.61	6	6
5,639	2.44	2.51	2.47	*Georgia	11	12	10,977	11,119	−1.3	1.95	1.99	24	25
994	0.43	0.49	0.48	Hawaii	40	40	2,155	2,165	−0.5	2.17	2.21	16	18
11,448	4.94	5.35	5.44	Illinois	5	4	23,404	24,460	−4.3	2.04	2.13	21	20
5,471	2.36	1.80	1.80	Indiana	19	19	7,898	8,093	−2.4	1.44	1.48	39	39
2,408	1.04	0.71	0.71	Kansas	35	35	3,109	3,195	−2.7	1.29	1.34	45	46
3,667	1.58	1.21	1.17	Kentucky	27	27	5,283	5,250	0.6	1.44	1.43	40	41
4,362	1.88	1.84	1.80	Louisiana	18	18	8,058	8,107	−0.6	1.85	1.88	29	30
4,265	1.84	2.40	2.44	Maryland	12	13	10,516	10,958	−4.0	2.47	2.57	7	8
5,781	2.50	3.23	3.17	Massachusetts	9	9	14,121	14,236	−0.8	2.44	2.47	8	9
4,133	1.79	2.01	2.07	Minnesota	16	16	8,797	9,307	−5.5	2.13	2.27	18	15
4,951	2.14	1.43	1.53	*Missouri	23	22	6,258	6,892	−9.2	1.26	1.39	46	43
1,586	0.68	0.58	0.59	Nebraska	37	37	2,523	2,659	−5.1	1.59	1.69	34	33
881	0.38	0.98	0.99	Nevada	31	30	4,288	4,462	−3.9	4.87	5.28	2	2
7,438	3.21	3.80	3.73	New Jersey	7	8	16,643	16,751	−0.6	2.24	2.26	12	16
1,359	0.59	0.49	0.48	New Mexico	39	41	2,159	2,142	0.8	1.59	1.61	35	35
17,659	7.63	8.66	8.75	New York	2	2	37,897	39,332	−3.6	2.15	2.23	17	17
670	0.29	0.33	0.31	North Dakota	46	46	1,424	1,408	1.1	2.13	2.14	19	19
3,177	1.37	1.15	1.10	Oklahoma	28	28	5,041	4,941	2.0	1.59	1.59	36	37
958	0.41	0.45	0.44	Rhode Island	42	42	1,988	1,970	0.9	2.07	2.07	20	21
3,203	1.38	1.38	1.40	*South Carolina	24	24	6,057	6,287	−3.7	1.89	1.99	27	27
691	0.30	0.29	0.30	*South Dakota	49	49	1,267	1,358	−6.7	1.83	1.98	30	28
4,651	2.01	1.43	1.41	Tennessee	22	23	6,274	6,355	−1.3	1.35	1.38	44	45
15,280	6.60	5.48	5.24	Texas	4	5	23,987	23,563	1.8	1.57	1.60	37	36
4,765	2.06	2.40	2.50	**Wisconsin	13	11	10,483	11,219	−6.6	2.20	2.37	15	11
163,597	**70.66**	**75.56**	**75.46**	**Subtotal License States**			**330,677**	**339,177**	**−2.5**	**2.02**	**2.10**		
				Control States[b]									
3,943	1.70	1.24	1.22	Alabama	26	26	5,413	5,463	−0.9	1.37	1.39	42	44
965	0.42	0.31	0.31	Idaho	48	47	1,357	1,391	−2.4	1.41	1.45	41	40
2,905	1.25	0.83	0.86	Iowa	33	33	3,646	3,846	−5.2	1.26	1.33	48	47
1,133	0.49	0.51	0.51	Maine	38	39	2,235	2,284	−2.1	1.97	2.02	23	24
9,109	3.93	3.92	3.90	Michigan	6	6	17,148	17,510	−2.1	1.88	1.90	28	29
2,551	1.10	0.88	0.87	**Mississippi	32	32	3,843	3,914	−1.8	1.51	1.55	38	38
801	0.35	0.35	0.35	Montana	44	44	1,546	1,576	−1.9	1.93	1.99	25	26
951	0.41	0.99	0.98	New Hampshire	30	31	4,328	4,419	−2.1	4.55	4.72	3	3
6,019	2.60	2.26	2.20	North Carolina	14	14	9,875	9,889	−0.1	1.64	1.66	33	34
10,791	4.66	3.11	3.12	Ohio	10	10	13,627	14,041	−2.9	1.26	1.30	47	48
2,649	1.14	1.03	1.05	Oregon	29	29	4,492	4,706	−4.5	1.70	1.78	32	31
11,865	5.12	3.69	3.75	Pennsylvania	8	7	16,165	16,853	−4.1	1.36	1.42	43	42
1,554	0.67	0.33	0.33	Utah	45	45	1,434	1,499	−4.4	0.92	0.99	51	51
516	0.22	0.28	0.30	Vermont	50	50	1,243	1,327	−6.3	2.41	2.57	9	7
5,491	2.37	2.13	2.10	Virginia	15	15	9,344	9,451	−1.1	1.70	1.74	31	32
4,245	1.83	1.86	1.90	Washington	17	17	8,125	8,518	−4.6	1.91	2.02	26	22
1,948	0.84	0.47	0.54	West Virginia	41	38	2,049	2,445	−16.2	1.05	1.25	50	50
502	0.22	0.25	0.26	**Wyoming	51	51	1,113	1,147	−3.0	2.22	2.33	13	14
67,938	**29.34**	**24.44**	**24.54**	**Subtotal Control States**			**106,962**	**110,275**	**−3.0**	**1.57**	**1.63**		
231,534	**100.00**	**100.00**	**100.00**	**Total United States**			**437,659**	**449,453**	**−2.6**	**1.89**	**1.96**		

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding.

[a]License States: *Based on shipments from distillers to wholesalers.
**Based on shipments from wholesalers to retailers and other outlets.

[b]Control States: All control state data except Mississippi and Wyoming are retail sales by state liquor stores. Mississippi and Wyoming data represent wholesale sales from state controlled warehouses to private retail establishments.

[c]Resident population.

Sources: Distilled Spirits Council of the United States Inc; Bureau of the Census, U.S. Department of Commerce. (See Table 36 for details.)

Table 40. Adult[a] Per Capita Consumption of Distilled Spirits, Wine, and Beer, by State, 1982

(Wine or Liquid Gallons)

State	Distilled Spirits	Wine	Beer	Adult Population[b] (000)
LICENSE STATES				
Alaska	4.64	4.80	42.75	297
Arizona	2.78	3.42	42.17	2,049
Arkansas	1.67	1.05	25.02	1,642
California	2.99	6.03	33.47	18,239
Colorado	3.11	3.87	37.76	2,219
Connecticut	3.19	3.84	25.52	2,370
Delaware	3.50	2.85	37.09	443
District of Columbia	7.09	8.67	35.10	494
Florida	3.29	3.34	37.17	7,987
Georgia	2.74	1.81	28.50	4,011
Hawaii	3.01	4.02	43.50	716
Illinois	2.82	3.02	34.20	8,310
Indiana	2.01	1.57	31.37	3,926
Kansas	1.77	1.11	29.26	1,761
Kentucky	2.01	0.99	27.76	2,625
Louisiana	2.67	2.53	36.44	3,020
Maryland	3.33	2.98	33.55	3,154
Massachusetts	3.23	4.17	41.05	4,366
Minnesota	2.94	2.31	33.04	2,993
Missouri	1.72	1.80	33.27	3,629
Nebraska	2.20	1.73	36.40	1,145
Nevada	6.59	6.45	47.79	651
New Jersey	3.01	4.41	29.47	5,534
New Mexico	2.30	2.94	40.83	937
New York	2.88	4.02	30.43	13,151
North Dakota	2.99	1.50	37.29	477
Oklahoma	2.20	1.38	28.63	2,296
Rhode Island	2.74	4.64	32.32	725
South Carolina	2.66	1.73	30.16	2,278
South Dakota	2.59	1.52	31.30	490
Tennessee	1.85	1.17	27.26	3,390
Texas	2.23	2.22	44.24	10,751
Wisconsin	3.04	2.56	46.92	3,451
License States	**2.77**	**3.34**	**34.16**	**119,527**
CONTROL STATES				
Alabama	1.92	1.49	24.23	2,812
Idaho	2.07	2.60	35.71	655
Iowa	1.73	1.09	33.63	2,109
Maine	2.71	2.58	31.92	824
Michigan	2.63	2.39	32.88	6,530
Mississippi	2.19	0.94	29.10	1,752
Montana	2.71	2.74	44.21	570
New Hampshire	6.21	4.93	45.91	697
North Carolina	2.24	1.80	25.94	4,402
Ohio	1.74	1.87	31.47	7,818
Oregon	2.32	4.41	32.01	1,938
Pennsylvania	1.82	1.93	34.71	8,876
Utah	1.47	1.26	24.83	974
Vermont	3.31	4.27	36.04	376
Virginia	2.31	2.26	30.00	4,053
Washington	2.62	4.41	32.05	3,105
West Virginia	1.46	1.19	26.90	1,405
Wyoming	3.21	2.01	43.38	347
Control States	**2.17**	**2.21**	**31.55**	**49,243**
United States	**2.59**	**3.01**	**33.57**	**168,769**

NOTE: Because of rounding, detail may not add to total.

[a] "Adult" is defined as persons 18 years of age and older.

[b] Adult population as of July 1, 1982.

Sources: Distilled Spirits Council of the United States, Inc.; Wine Institute; United States Brewers Association; Bureau of the Census, U.S. Department of Commerce.

REVENUES, PRICES, AND CONSUMER EXPENDITURES

Total Public Revenues—Revenues from distilled spirits collected by federal, state, and local governments in 1982 totaled $6.7 billion, a decrease of 3.5 percent from 1981, reflecting the lower consumption described in the section on apparent consumption. Over 54 percent of total revenues were derived from the federal excise tax of $10.50 per proof gallon. Most of the remaining revenues were from state and local taxes. (Tables 41 and 42).

Public revenues paid or collected by the distilled spirits industry since the repeal of Prohibition in 1933 totaled $167 billion. In addition to revenues from direct taxation of spirits, employees and firms in the industry pay federal and state income taxes on their wages, salaries, and profits. Similarly, government revenues and other benefits have been generated by the products and services provided by other industries to the distilled spirits industry.

Federal Revenues—Direct taxes and import duties on distilled spirits collected by the Federal Government in 1982 totaled $3.7 billion, a decrease of 6.2 percent from 1981 (Table 42). As noted, most collections were from the excise tax of $10.50 per proof gallon.

Rates of import duties on distilled spirits from 1958 to 1982 are shown in Table 43.

State and Local Revenues—Revenues from taxes levied on distilled spirits by state and local governments increased 0.2 percent from 1981 to 1982 when they totaled $3.0 billion, the increase reflecting higher tax rates (Table 41).

Tax rates for license states in 1983 and earlier years are listed in Table 44. Rates have increased steadily reaching an average of $3.01 per wine gallon in September 1983 compared with $2.78 in 1982, $2.59 in 1973, and $1.03 in 1943.

Prices—Prices for a representative group of distilled spirits sold to wholesalers by distilleries, bottlers, importers, and other suppliers increased 2.5 percent in 1982 over 1981 to an index of 130.2 compared with 127.0, (1967=100). Table 45 shows changes in the supplier price index, which measures such price changes as compiled by DISCUS.

The Bureau of Labor Statistics issues a price index for whiskey sold at retail as part of its overall consumer retail price index. The Bureau's retail price index for whiskey increased 3.9 percent from 143.0 in 1981 to 148.6 in 1982 (1967=100).

Table 46 shows average retail prices by state of selected brands of distilled spirits in the first quarter of 1983. Prices varied considerably, ranging in the case of one brand from $5.42 to $8.97 per 750 ml. The level of state and local taxes as well as distance from source of supply are among the factors affecting price levels in a given state.

Consumer Expenditures on Alcohol Beverages—Table 48 shows that $59.8 billion were expended on alcohol beverages by consumers in 1982, up 3.4 percent from 1981, 119.2 percent from 1972, and 320.7 percent from 1962.

The shares of expenditures represented by spirits, wine, and beer for 1982 are also shown in Table 47. Expenditures for beer accounted for 52.4 percent of total alcohol beverage spending, spirits 35.2 percent, and wine 12.5 percent. Wine expenditures showed the most rapid growth, rising 13.9 times the level of 1949 while beer rose 599 percent and spirits 470 percent.

The $59.8 billion of retail expenditures on alcohol beverages consisted of $49.1 billion for personal consumption and $10.8 billion for business consumption. On-premise personal consumption (in restaurants, bars, etc.,) is estimated at 37.3 percent of total personal consumption with off-premise consumption (sales in retail stores) at 62.7 percent of such consumption. In addition, expenditures for business consumption (meetings, conferences, business meals, etc.,) amounted to $10.8 billion or 18 percent of total retail expenditures. Total on-premise spending accounted for almost half or 48.5 percent of total retail expenditures.

Table 49 shows the percentage of on-premise and off-premise sales for each of the control states in 1982, as reported by control state officials. The weighted average of on-premise sales for Control States was 22 percent with off-premise sales amounting to 78 percent. On-premise sales ranged widely, from none in Utah and 7 percent in North Carolina to 51 percent in Wyoming and 57 percent in Montana.

Similar statistics for sales in license states are not available.

Figure 12. Public Revenues From Distilled Spirits in the United States Since Repeal

(Billions of Dollars)

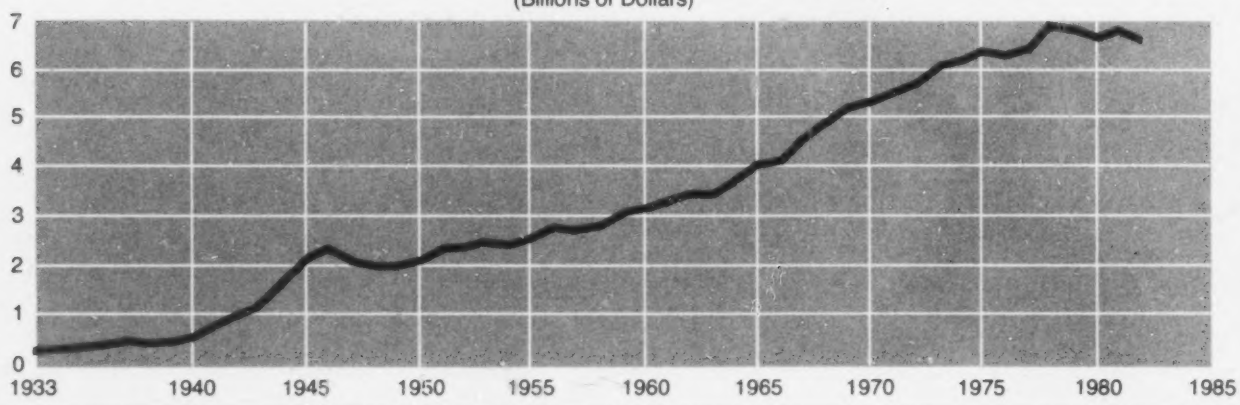

Table 41. Public Revenues from Distilled Spirits of Federal, State, and Local Governments in the United States, 1961-1982

($000)

Calendar Year	Federal	State	Local	Total
1961	2,422,058	801,437[a]	88,060[a]	3,311,555
1962	2,523,926	855,720	94,515	3,474,161
1963	2,578,672	859,957[a]	85,674[a]	3,524,303
1964	2,742,278	955,916	95,192	3,793,386
1965	2,858,995	1,058,833	96,280	4,014,108
1966	2,915,777	1,143,893[a]	103,537[a]	4,163,207
1967	3,211,236	1,249,804	113,653	4,574,693
1968	3,286,593	1,398,454	124,677	4,809,724
1969	3,619,018	1,514,246	139,353	5,272,617
1970	3,567,636	1,618,163	145,491	5,331,290
1971	3,657,609	1,709,463	138,928	5,506,000
1972	3,705,094	1,869,080	141,983	5,716,157
1973	3,951,390	1,925,677	152,935	6,030,002
1974	4,029,020	2,089,159	162,568	6,280,747
1975	3,943,550	2,167,021	188,484	6,299,055
1976	3,792,937	2,258,867	199,695	6,251,499
1977	3,892,080	2,347,230	203,669	6,442,979
1978	4,220,597	2,515,069	211,396	6,947,062
1979	4,061,617	2,575,060	216,652	6,853,329
1980	3,885,875	2,665,055[r]	228,740[r]	6,779,670[r]
1981	3,933,087	2,772,640	242,346	6,948,073
1982	3,687,437[b]	2,777,000[a]	243,000[a]	6,707,437[b]

[a] Estimated.
[b] Preliminary.
[r] Revised.

Sources: Distilled Spirits Council of the United States, Inc.; Internal Revenue Service, U.S. Treasury Department; state and local authorities.

Table 42. United States Alcohol Beverage Tax Collections From Distilled Spirits by Tax Class, 1981 and 1982

($000)

Tax Class	Calendar Year 1982[a]	Calendar Year 1981	Dollar Change	Percentage Change
Federal Excise Taxes From:				
Domestic Spirits	2,829,246	3,059,277	−230,031	−7.5
Puerto Rican Spirits[b]	231,533	229,074	2,459	1.1
Total	3,060,779	3,288,351	−227,572	−6.9
Imported	552,668	562,413	−9,745	−1.7
Total Excise Taxes	3,613,447	3,850,764	−237,317	−6.2
Rectification Taxes From:				
Domestic Spirits	4	6	−2	−33.3
Puerto Rican Spirits[b]	0	0	—	—
Total Rectification Taxes	4	6	−2	−33.3
Ocupational Taxes	18,537	18,779	−242	−1.3
Seizures, Penalties, etc.	30	26	4	15.4
Total Tax Receipts	3,632,021	3,869,576	−237,555	−6.1
Import Duties	55,416	63,511	−8,095	−12.7
Grand Total Federal Collections	**3,687,437**	**3,933,087**	**−245,650**	**−6.2**

NOTE: Because of rounding, detail may not add to total.
[a] Preliminary.
[b] Produced and/or bottled in Puerto Rico.

Sources: Internal Revenue Service, U.S. Treasury Department; Bureau of the Census, U.S. Department of Commerce.

Table 43. Import Duties on Distilled Spirits, 1958-1983[a]

(Dollars per Tax Gallon)

Class and Type	1958-1961	1962	1963	1964-1967	1968	1969	1970	1971	1972-1973	1974-1975	1976	1977-1979	1980	1981	1982	1983
WHISKEY (Scotch and Irish)	1.25	1.14	1.02	1.02	0.91	0.81	0.71	0.61	0.51	0.51	0.51	0.51	0.47	0.43	0.39	0.35
OTHER WHISKEY (Canadian, etc.)	1.25	1.25	1.25	1.25	1.12	1.00	0.87	0.75	0.62	0.62	0.62	0.62	0.57	0.53	0.48	0.43
RUM	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.70	1.66	1.62	1.57
GIN	1.25	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
BRANDY																
Pisco and Singani																
Bottled																
Value Not Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	0.57	0.52	0.48	0.43
Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.06	0.97	0.87
Bulk																
Value Not Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	0.46	0.42	0.38	0.35
Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	0.92	0.85	0.77	0.70
Other Brandy (including Slivovitz)																
Bottled																
Value Not Over $9/Gal.	1.25	1.25	1.25	1.25	1.12	1.00	0.87	0.75	0.62	0.62	0.62	0.62	3.40	3.40	3.40	3.40
$9.00 to $17/Gal.	—	—	—	5.00	5.00	5.00	5.00	5.00	5.00	1.25	1.25	—	—	—	—	—
$9.00 to $13/Gal.	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25	1.25	1.25	1.25
Over $13 to $17/Gal.	—	—	—	—	—	—	—	—	—	—	3.00	3.00	—	—	—	—
Over $13/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.06	0.97	0.87
Over $17/Gal.	—	—	—	—	—	—	—	—	—	—	5.00	5.00	—	—	—	—
Bulk																
Value Not Over $9/Gal.	—	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Over $9/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	0.92	0.85	0.77	0.70
$9.00 to $17/Gal.	—	—	—	5.00	5.00	5.00	5.00	5.00	5.00	1.00	3.00	3.00	—	—	—	—
Over $17/Gal.	—	—	—	—	—	—	—	—	—	5.00	5.00	5.00	—	—	—	—
VODKA																
Bottled																
Value Not Over $7.75/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	2.56	2.56	2.56	2.56
Over $7.75/Gal.	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.06	0.97	0.87
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25	1.25
TEQUILA																
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	2.27	2.27	2.27	2.27
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25	1.25
CORDIALS	1.25	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
BITTERS																
Fit for Beverage Purposes	1.25	1.12	1.00	1.00	0.90	0.80	0.70	0.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Other	2.50	2.29	2.08	1.88	1.69	1.50	1.31	1.12	0.94	0.94	0.94	0.94	—	—	—	—
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	1.04	0.58	0.40	0.38
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	0.94	0.58	0.40	0.38
ETHYL ALCOHOL for Beverages	2.25	2.25	2.25	2.25	2.02	1.80	1.57	1.35	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
BEVERAGE SPIRITS																
Arrack	2.50	2.25	2.00	2.00	1.80	1.60	1.40	1.20	1.00	1.00	1.00	1.00	—	—	—	—
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	2.28	2.28	2.28	2.28
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.00	1.00	1.00	1.00
Aquavit	1.06	0.95	0.85	0.85	0.76	0.68	0.59	0.51	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
OTHER Spirits and Preparations																
Spirits	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	—	—	—	—
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	2.56	2.56	2.56	2.56
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	1.25	1.25	1.25	1.25
Other	2.50	2.50	2.50	2.50	2.25	2.00	1.75	1.50	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
IMITATIONS of Brandy and Other Spirituous Beverages																
Bottled	—	—	—	—	—	—	—	—	—	—	—	—	5.75	5.75	5.75	5.75
Bulk	—	—	—	—	—	—	—	—	—	—	—	—	2.50	2.50	2.50	2.50

NOTE: For entries before 1980, a tax gallon is defined as a wine gallon or standard gallon (without regard to proof) if shipped in containers of 1.0 gallon or less, and as a proof gallon if shipped in containers of over one gallon. A proof gallon is the alcohol equivalent of one standard gallon at 100°. Before 1980, spirits under 100° proof withdrawn from bond in containers not over one gallon were taxed on a wine gallon instead of proof gallon basis.

[a]Zero duty rates apply to certain countries under the Generalized System of Preferences. For example, Tequila in containers over one gallon and certain other spirits imported from these countries enter duty free. Also, imports from Least Developed Developing Countries have lower duties for certain spirits. Details for these special tariff rates can be obtained from the International Trade Commission.

Source: U.S. International Trade Commission.

Table 44. Federal and License State[a] Excise Taxes on Distilled Spirits, 1933–1983

(Effective Dates and Dollars per Wine Gallon)

State	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951[b]	1953	1954	1955	1956	1957
Alaska	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arizona	12-5 $0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	$0.80	10-1 $1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20
Arkansas	—	—	3-16 0.40	0.40	3-11 0.65	4-1 0.80	3-18 1.12	1.12	1.12	1.12	1.12	1.12	6-1 1.50	1.50	2-26 2.52	2.52	7-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
California	12-5 0.00	0.00	7-1 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	7-1 1.50	1.50	1.50
Colorado	12-5 0.80	0.80	4-12 1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
Connecticut	12-5 0.00	0.00	0.00	0.00	7-1 0.60	0.60	7-1 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Delaware	12-5 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7-1 1.15	1.15	1.15	1.15	1.15
Dist. of Col.	—	1-24 0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	8-1 0.75	0.75	0.75	0.75	5-19 1.00	1.00	5-1 1.25	1.25
Florida	—	11-6 0.00	5-27 0.80	0.80	6-5 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	7-1 1.92	1.92	1.92	1.92	6-13 2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17
Georgia[c]	—	—	—	—	—	2-3 1.00	1.00	1.00	1.00	1.00	1.00	1.00	11-24 4.00	4.00	4.00	4.00	7-30 5.00	5.00	4-2 2.00	2.00	2.00	6-6 3.25	3.25	3.25
Illinois	—	1-31 0.50	0.50	0.50	0.50	0.50	0.50	0.50	7-1 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7-1 1.02
Indiana	12-5 2.00	2.00	3-11 1.00	1.00	1.00	1.00	1.00	1.00	5-1 1.08	1.08	1.08	1.08	5-1 2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08
Kansas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3-9 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Kentucky	—	3-17 0.50	0.50	4-30 1.04	1.04	1.04	1.04	3-3 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	6-17 1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28
Louisiana	—	8-1 0.50	10-1 0.60	0.60	0.60	6-30 1.00	1.00	9-1 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	7-28 1.58	1.58	1.58	1.58	1.58	1.58	1.58	8-1 1.68	1.68
Maryland	12-5 1.10	1.10	1.10	1.10	1.10	1.10	10-1 1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	7-1 1.50	1.50	1.50
Massachusetts	12-5 0.40	0.40	0.40	0.40	0.40	0.40	9-1 0.95	0.95	0.95	0.95	0.95	0.95	8-1 1.45	1.45	7-1 2.00	2.00	7-1 2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
Minnesota	—	1-8 0.60	0.60	0.60	7-30 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7-1 2.50	2.50	7-1 2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
Missouri	—	1-13 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Nebraska	—	—	5-24 0.50	0.50	4-2 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	5-31 1.00	1.00	1.00	1.00	8-26 1.20	1.20	1.20	1.20	1.20	1.20
Nevada	—	—	5-1 0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	7-1 0.60	0.60	7-1 0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
New Jersey	12-5 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	3-21 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
New Mexico	12-5 0.00	6-1 0.80	0.80	0.80	3-17 1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	6-8 1.30	1.30	1.30	1.30	1.30	1.30
New York	12-5 1.00	1.00	1.00	1.00	1.00	1.00	5-10 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
North Dakota	—	—	—	12-3 0.60	0.60	0.60	0.60	0.60	0.60	0.60	3-9 1.70	1.70	1.70	1.70	1.70	1.70	4-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
Oklahoma	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island	12-5 0.50	0.50	0.50	0.50	7-1 0.75	0.75	3-15 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	5-1 1.50	1.50	1.50	1.50	1.50	1.50
South Carolina	—	—	5-14 0.80	0.80	5-18 0.96	0.96	7-1 1.28	1.28	7-1 1.92	1.92	1.92	1.92	7-1 2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72
South Dakota	—	—	3-14 0.50	0.50	7-1 0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Tennessee	—	—	—	—	—	—	4-1 0.70	0.70	0.70	0.70	1-23 1.00	1.00	1.00	1.00	2-28 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Texas	—	—	11-15 0.80	10-31 0.96	0.96	0.96	0.96	0.96	5-1 1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	3-1 1.408	1.408	1.408	1.408	1.408	1.408	1.408
Wisconsin	12-5 0.00	1-12 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7-25 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
No. of States	13	20	26	27	27	28	29	29	29	29	29	29	29	29	29	29	30	30	30	30	30	30	30	30
No. of Rate Changes	—	2	5	2	9	2	7	2	4	0	2	0	7	1	8	2	8	1	4	1	1	3	2	1
State Average (per wine gal.)	$0.66	$0.67	$0.70	$0.74	$0.85	$0.88	$0.96	$0.98	$1.03	$1.03	$1.08	$1.08	$1.31	$1.32	$1.52	$1.53	$1.61	$1.61	$1.54	$1.54	$1.54	$1.63	$1.64	$1.64
Federal Tax (per proof gal.)	12-5 $1.10	1-12 $2.00	$2.00	$2.00	$2.00	7-1 $2.25	$2.25	7-1 $3.00	10-1 $4.00	11-1 $6.00	$6.00	4-1 $9.00	$9.00	$9.00	$9.00	$9.00	$9.00	$9.00	11-1 $10.50	$10.50	$10.50	$10.50	$10.50	$10.50

[a] Excludes Hawaii, which has had a 20% ad valorem excise tax since 1959.
[b] No excise tax rate changes for 1952, 1960, 1965, 1980, and 1982.
[c] "State warehouse charge" per gallon: $3 from 11/24/45; $4 from 7/30/49; $1 from 4/2/51; $2.25 from 6/6/65; abolished 3/1/64.
[d] Tax rate changes in Colorado, Georgia, and New Mexico due to conversion to metric rates.
[e] Changes as of September 1983.

Sources: Legislative reports of the states.

1958	1959[a]	1961	1962	1963	1964[b]	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979[b]	1981[b]	1983	State
—	$3.50	7-1 $4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	$4.00	8-1 $5.60	Alaska
1.20	1.20	1.20	3-28 1.44	1.44	1.44	1.44	1.44	3-22 2.00	2.00	2.00	2.00	2.00	2.00	7-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	Arizona
2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	5-1 2.875	Arkansas
1.50	1.50	1.50	1.50	1.50	1.50	1.50	8-16 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	California
1.60	7-1 1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	7-1 2.16	2.16	2.16	2.16	7-1 2.28	2.28	Colorado
1.00	1.00	7-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	7-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	8-1 3.00	Connecticut
1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	7-1 1.65	1.65	8-15 2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	Delaware
1.25	1.25	1.25	4-1 1.50	1.50	1.50	11-1 1.75	1.75	1.75	12-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	4-18 1.50	1.50	1.50	1.50	Dist. of Col.
2.17	2.17	2.17	2.17	8-1 2.50	2.50	2.50	7-6 2.52	6-1 3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	7-1 4.75	4.75	4.75	4.75	9-1 6.50	Florida
3.25	3.25	3.25	3.25	3.25	3-1 3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	7-1 3.79	3.79	Georgia[c]
8-1 1.02	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	8-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	Illinois
2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	10-1 2.28	2.28	2.28	2.28	7-1 2.62	2.62	2.62	9-1 2.68	2.68	Indiana
1.00	1.00	6-1 1.20	1.20	1.20	4-1 1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	7-1 2.50	2.50	2.50	2.50	2.50	Kansas
1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	7-1 1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	Kentucky
1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	9-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	Louisiana
1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	Maryland
2.25	2.25	2.25	2.25	2.25	2.25	3-3 2.95	2.95	2.95	8-1 3.36	3.36	3.36	3.36	3.36	3.36	7-1 4.05	4.05	4.05	4.05	4.05	4.05	4.05	Massachusetts
7-1 2.75	2.875	2.875	2.875	2.875	2.875	2.875	2.875	2.875	7-1 3.63	3.63	10-31 4.53	4.53	8-1 4.39	4.39	4.39	4.39	4.39	4.39	4.39	4.39	4.39	Minnesota
5-1 0.80	0.80	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	Missouri
1.20	1.20	1.20	1.20	6-3 1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	7-6 2.00	2.00	2.00	2.00	2.00	6-1 2.25	2.25	9-1 2.50	8-30 2.75	2.75	Nebraska
5-1 0.80	0.80	1.40	1.40	1.40	1.40	1.40	1.40	1.40	7-1 1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	7-1 2.05	2.05	Nevada
1.50	1.50	1.50	1.50	6-1 1.80	1.80	1.80	1.80	1.80	6-1 2.30	2.30	2.30	7-1 2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	New Jersey
6-7 1.30	1.30	1.30	1.30	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	7-1 1.63	7-1 3.94	New Mexico
4-1 1.50	1.50	1.50	1.50	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2-1 3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	5-1 4.09	New York
2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	North Dakota
6-23 —	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	8-1 4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	Oklahoma
6-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	6-1 2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	Rhode Island
2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	South Carolina
0.75	0.75	0.75	0.75	7-1 1.25	1.25	1.25	1.25	1.25	1.25	1.25	7-1 3.00	7-1 3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	7-1 3.80	3.80	South Dakota
2.00	2.00	2.00	2.00	6-1 2.50	2.50	2.50	5-26 4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	Tennessee
9-1 1.408	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	7-1 2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	Texas
2.00	2.00	2.00	2.00	8-15 2.25	2.25	2.25	2.25	2.25	2.25	2.25	11-1 2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	8-1 3.25	3.25	Wisconsin
30	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	No. of States
1	4	5	2	8	2	2	3	2	9	2	7	4	2	1	1	1	4	1	1	8[d]	6[e]	No. of Rate Changes
$1.65	$1.77	$1.85	$1.87	$1.97	$1.99	$2.03	$2.09	$2.14	$2.28	$2.33	$2.53	$2.59	$2.59	$2.60	$2.63	$2.64	$2.72	$2.70	$2.71	$2.78	$3.01	State Average (per wine gal.)
$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	$10.50	Federal Tax (per proof gal.)

Figure 13. Federal, State, and Local Revenue per Gallon of Distilled Spirits Since Repeal

(Dollars per Gallon)

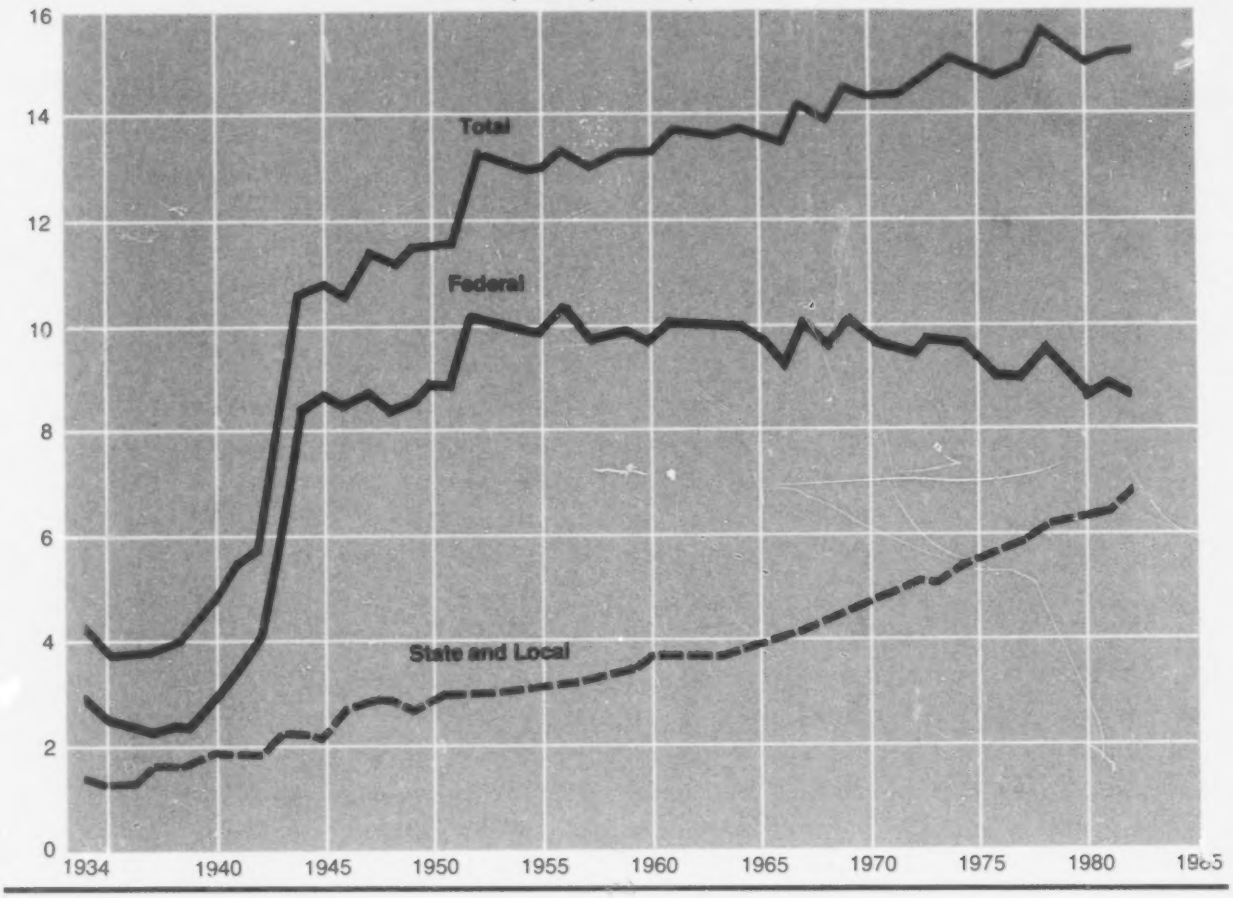

Table 45. Value Added per Employee Man-Hour, Distilled Spirits and All Manufacturing, Supplier Price and Consumer Price Indices, 1967–1982

Calendar Year	Value Added per Employee Hour		Supplier Price Indices (1967 = 100)							Consumer Price Indices (1967 = 100)	
	Distilled Spirits $	All Manufacturing $	All Distilled Spirits	Domestic Distilled Spirits	Imported Distilled Spirits	All Whiskey	Domestic Whiskey	Imported Whiskey	All Non-Whiskey	Whiskey	All Food
1967	23.09	9.41	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	26.13	10.12	100.1	100.1	100.1	100.1	100.1	100.1	100.1	101.4	103.6
1969	27.88	10.70	100.4	100.6	100.3	100.3	100.5	100.2	100.6	102.5	108.9
1970	28.25	11.26	101.0	101.3	100.4	100.8	101.4	100.2	101.3	105.0	114.9
1971	32.30	12.43	102.0	102.5	101.1	101.6	102.2	100.9	102.7	106.4	118.4
1972	35.80	13.26	102.8	103.0	102.6	102.3	102.5	102.1	103.9	108.6	123.5
1973	36.50	14.40	103.5	103.5	103.4	102.7	102.9	102.4	105.0	109.2	141.4
1974	39.56	16.60	105.2	104.3	106.6	104.4	103.4	105.4	106.5	110.9	161.7
1975	43.10	18.38	108.4	107.4	110.1	107.8	106.6	108.9	109.5	114.1	175.4
1976	45.87	20.17	109.4	108.7	110.7	108.4	107.8	109.0	111.3	116.0	180.8
1977	48.31	21.93	110.7	109.7	112.2	109.3	108.2	110.4	113.2	117.5	192.2
1978	55.19	23.75	114.3	113.1	116.2	112.8	111.4	114.2	116.8	122.3	211.4
1979	67.16	26.39	118.2	116.3	121.4	117.3	115.2	119.3	119.9	127.3	234.5
1980	84.05	27.20	122.4	119.4	127.5	122.8	119.6	125.9	121.9	135.4	254.6
1981	NA	NA	127.0	123.0	133.5	128.3	124.1	132.3	124.7	143.0	274.6
1982	NA	NA	130.2	125.8	136.4	132.0	127.3	135.3	128.0	148.6	285.7

NA: Not available.

Sources: Value Added: Bureau of the Census, U.S. Department of Commerce; Supplier Price Index: Distilled Spirits Council of the United States, Inc.; Consumer Price Index: Bureau of Labor Statistics, U.S. Department of Labor.

Figure 14. Cost Components of an Average 750 ml Bottle of Spirits Sold at Retail, 1982

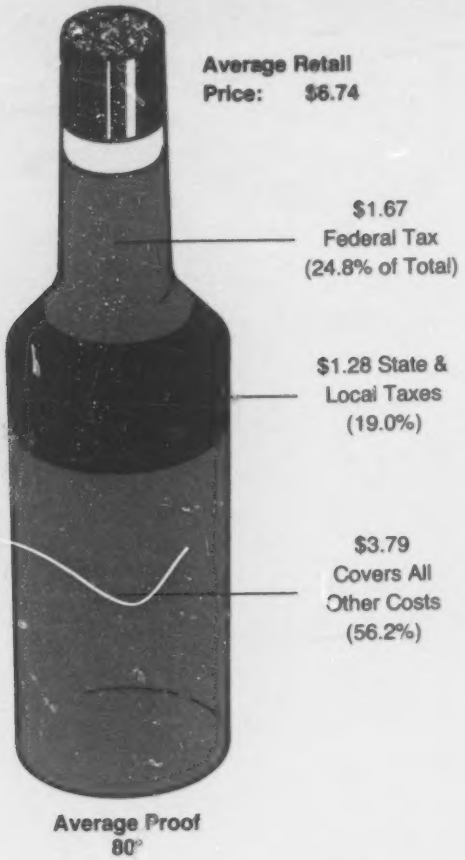
Average Retail Price: $6.74
$1.67 Federal Tax (24.8% of Total)
$1.28 State & Local Taxes (19.0%)
$3.79 Covers All Other Costs (56.2%)
Average Proof 80°

Table 46. Retail Prices of Selected Brands of Distilled Spirits Inclusive of Statewide Sales Tax, License and Control States, 1st Quarter, 1983

State	Type, Brand and Proof											Statewide Sales Tax
	Straight	Blended	Canadian	Canadian	Scotch	Scotch	Gin	Vodka	Rum	Tequila	Cordial	
	Jim Beam 80°	Seagram 7 80°	Canadian Mist 80°	Canadian Club 86.6°	Passport 80°	Dewar's 86.6°	Seagram's X-Dry 80°	Smirnoff 80°	Bacardi Silver 80°	Cuervo Gold 80°	Kahlua 53°	
	Dollars per 750 ml											Percent[a]
License States												
Alaska	8.71	8.97	8.78	12.13	10.11	14.35	8.50	8.53	8.56	11.61	15.71	0.00
Arizona	7.12	7.34	7.10	10.02	8.05	12.02	6.48	6.76	6.81	9.42	13.03	4.00
Arkansas	6.99	5.86	7.50	10.59	8.22	12.99	5.17	7.42	5.08	9.96	15.32	6.00[b]
California	6.12	6.31	6.87	8.47	7.61	11.34	5.75	5.54	5.92	7.81	9.87	6.00
Colorado	6.23	6.70	5.70	9.09	6.79	11.85	5.90	6.16	6.31	8.64	12.94	3.00
Connecticut	7.31	7.81	7.78	9.43	7.60	12.36	6.91	6.99	7.31	10.21	13.39	7.50
Delaware	6.35	6.64	6.55	8.95	7.09	10.91	5.80	6.14	6.45	8.80	13.21	0.00
Dist. of Columbia	6.52	6.64	7.14	8.86	7.01	11.67	6.27	6.51	6.53	9.54	13.04	6.00
Florida	6.89	7.39	6.79	9.85	7.28	11.95	6.50	6.92	7.16	9.56	12.33	5.00
Georgia	6.66	7.25	6.57	9.74	7.69	11.05	6.70	6.74	6.95	9.07	14.28	3.00
Hawaii	7.42	8.16	7.49	11.33	8.74	14.19	7.05	6.31	7.09	10.97	11.90	4.00
Illinois	5.79	5.92	5.55	8.25	5.92	10.25	5.92	5.40	5.77	8.27	9.70	5.00
Indiana	6.48	6.68	6.95	9.29	7.76	12.72	6.67	6.65	6.66	9.22	12.01	5.00
Kansas[c]	6.39	7.17	6.93	9.35	7.58	11.54	6.15	6.44	6.86	6.93	13.51	4.00[b]
Kentucky	6.80	7.00	6.73	9.77	7.51	12.32	6.03	6.55	6.90	8.53	12.65	0.00
Louisiana	6.54	6.71	6.79	9.15	7.68	11.29	6.16	6.54	6.19	8.98	14.37	5.00
Maryland	5.83	5.96	5.76	8.29	6.29	10.49	5.40	5.67	6.17	7.72	11.17	5.00
Massachusetts	6.99	7.22	7.07	9.47	7.89	11.44	6.11	6.23	6.87	9.23	12.32	0.00
Minnesota	6.56	7.24	5.95	9.15	7.22	11.71	6.30	6.59	6.60	9.58	12.26	6.00
Missouri	6.25	6.32	6.24	7.25	8.83	10.29	5.89	5.95	6.20	8.75	10.52	4.125
Nebraska	7.07	7.46	7.01	9.75	7.26	11.55	6.13	6.90	7.06	9.40	13.17	3.50
Nevada	6.38	6.51	6.25	9.18	6.78	11.23	5.81	6.01	6.40	8.69	10.14	5.75
New Jersey	7.19	7.67	7.20	10.40	7.51	11.68	6.95	7.12	7.22	10.24	14.07	6.00
New Mexico	6.87	7.72	6.43	10.83	7.19	13.02	7.10	6.43	7.05	10.00	12.38	4.00
New York	6.71	7.27	6.81	9.75	6.94	11.50	6.57	6.86	6.97	9.71	13.06	7.00
North Dakota	7.20	7.36	6.79	10.46	7.89	13.12	6.61	7.00	7.22	9.87	15.50	3.00
Oklahoma	5.36	5.42	5.35	7.78	5.77	9.23	4.98	5.10	5.15	6.88	11.06	4.00
Rhode Island	6.36	6.43	6.38	9.03	7.25	10.95	5.69	6.24	6.15	9.30	12.64	6.00
South Carolina	6.61	6.72	6.36	9.35	7.03	11.14	6.01	6.21	6.97	9.18	12.89	4.00
South Dakota	7.28	7.80	7.28	10.50	8.51	14.01	6.84	7.56	7.38	9.87	14.48	4.00
Tennessee	7.71	7.95	7.75	10.48	8.96	13.45	7.32	7.40	8.07	11.02	9.58	6.75
Texas	7.17	7.63	6.84	9.92	7.75	12.28	6.25	6.96	7.36	10.65	14.15	5.00
Wisconsin	6.98	7.31	6.42	9.75	7.03	11.59	5.87	6.42	6.95	9.44	12.48	5.00
Control States												
Alabama	6.65	7.25	6.95	10.25	7.90	12.75	6.40	6.85	6.65	9.85	13.80	6.00
Idaho	6.60	7.10	6.85	9.90	7.70	12.70	6.35	6.40	6.75	9.45	12.85	4.00
Iowa	5.60	6.10	5.90	8.80	6.80	11.50	5.50	5.60	5.80	8.20	11.50	4.00
Maine[d]	6.43	6.88	6.68	9.65	7.36	11.95	6.01	6.12	6.32	9.19	13.58	0.00
Michigan	5.95	6.52	6.28	9.14	6.96	11.37	5.76	5.90	6.00	8.85	12.23	4.00
Mississippi	5.91	6.34	6.21	8.72	6.84	11.12	5.75	5.90	6.05	8.55	11.59	5.00
Montana	6.45	7.05	6.80	9.75	7.65	12.65	6.25	6.25	6.55	9.30	12.80	0.00
New Hampshire	4.90	5.33	5.15	7.45	5.65	9.20	4.75	4.90	5.15	7.35	10.25	0.00
North Carolina	5.85	6.40	6.20	8.95	6.80	11.05	5.65	5.85	5.90	8.70	11.95	26.00[e]
Ohio	6.58	7.13	6.93	9.80	7.59	12.11	6.38	6.53	6.63	9.50	13.21	5.50
Oregon	7.05	7.75	7.50	10.85	8.45	13.35	6.90	6.85	7.25	10.25	14.15	0.00
Pennsylvania	6.51	7.01	6.92	9.48	7.41	11.52	6.31	6.49	6.60	9.07	12.33	6.00
Utah	6.70	7.35	7.15	10.25	8.05	13.30	6.55	6.55	6.75	9.60	13.50	5.00
Vermont	5.70	6.15	5.90	7.75	6.40	9.40	5.50	5.55	5.80	8.10	10.10	0.00
Virginia	5.85	6.30	6.15	8.95	6.75	11.00	5.60	5.80	5.85	8.65	11.90	20.00[e]
Washington	7.70	8.25	8.00	10.80	8.85	12.85	7.50	7.50	7.65	10.30	13.80	0.00
West Virginia	6.89	7.47	7.21	10.40	8.11	12.88	6.65	6.86	6.95	10.10	13.95	10.00
Wyoming	6.48	7.11	6.85	9.77	7.66	12.52	6.34	6.47	6.60	9.34	13.29	3.00
Control State Average	**6.32**	**6.86**	**6.64**	**9.48**	**7.38**	**11.84**	**6.11**	**6.24**	**6.40**	**9.14**	**12.59**	
License State Average	**6.75**	**7.05**	**6.76**	**9.56**	**7.54**	**11.86**	**6.30**	**6.55**	**6.74**	**9.30**	**12.70**	
United States Average	**6.60**	**6.98**	**6.72**	**9.53**	**7.48**	**11.85**	**6.23**	**6.44**	**6.62**	**9.24**	**12.66**	

NOTE: Prices in license states vary among different outlets and may not be representative of prices in all outlets. With the exception of Maine, Mississippi and Wyoming, prices in the Control states are uniform within each state.

[a] In states where local spirits sales taxes are statewide, they are combined with state sales tax rates for a statewide sales tax.

[b] Special liquor sales tax imposed in lieu of sales tax.

[c] Uniform state prices (except in some sparsely populated areas) due to minimum mark-up required by regulation.

[d] Prices estimated. Based on Kittery store prices which are given 10% weight and other state outlets given 90% weight to reach state average.

[e] Special sales tax rate applicable to state stores sales.

SOURCE: DISCUS survey of shelf prices (published prices in state beverage journals may not always accurately reflect actual prices). Prices shown are simple averages of about five off-premise outlets in each state. Most prices surveyed were for 750 ml bottles; where 750 ml bottles were not available, liter bottle prices were obtained and appropriate adjustments were made.

Table 47. Estimated U.S. Retail Expenditures on Alcohol Beverages by Type, 1949-1982

Year	Value				Shares		
	Total	Spirits	Wine	Beer	Spirits	Wine	Beer
		(Millions of Dollars)			(Percentage of Total)		
1949	8,670	3,690	500	4,480	42.6	5.8	51.7
1950	8,980	3,955	551	4,474	44.0	6.1	49.8
1951	9,465	4,320	522	4,623	45.6	5.5	48.8
1952	10,158	4,410	560	5,188	43.4	5.5	51.1
1953	10,450	4,545	533	5,372	43.5	5.1	51.4
1954	10,510	4,600	580	5,330	43.8	5.5	50.7
1955	10,910	4,835	597	5,478	44.3	5.5	50.2
1956	11,450	5,230	577	5,643	45.7	5.0	49.3
1957	11,810	5,490	664	5,656	46.5	5.6	47.9
1958	12,040	5,615	705	5,720	46.6	5.9	47.5
1959	12,610	5,920	737	5,953	47.0	5.8	47.2
1960	13,010	6,185	751	6,074	47.5	5.8	46.7
1961	13,540	6,360	819	6,361	47.0	6.1	47.0
1962	14,225	6,900	803	6,522	48.5	5.6	45.9
1963	14,830	7,300	835	6,695	49.2	5.6	45.1
1964	15,705	7,770	875	7,060	49.5	5.6	45.0
1965	16,400	8,276	891	7,233	50.5	5.4	44.1
1966	17,408	8,784	915	7,709	50.5	5.3	44.3
1967	18,025	9,148	1,088	7,789	50.8	6.0	43.2
1968	19,700	10,063	1,199	8,437	51.1	6.1	42.8
1969	21,275	10,742	1,390	9,143	50.5	6.5	43.0
1970	23,336	11,470	1,746	10,120	49.2	7.5	43.4
1971	25,226	12,108	2,130	10,988	48.0	8.4	43.6
1972	27,303	13,113	2,505	11,686	48.0	9.2	42.8
1973	29,274	13,864	2,790	12,620	47.4	9.5	43.1
1974	31,558	14,279	3,012	14,266	45.3	9.6	45.2
1975	34,052	14,698	3,287	16,066	43.2	9.7	47.2
1976	36,716	15,679	3,603	17,433	42.7	9.8	47.5
1977	39,658	16,606	3,987	19,066	41.9	10.1	48.1
1978	42,931	17,565	4,625	20,741	40.9	10.8	48.3
1979	48,242	18,729	5,352	24,161	38.8	11.1	50.1
1980	53,473	19,845	6,246	27,382	37.1	11.7	51.2
1981	57,896	20,861	7,049	29,986	36.0	12.2	51.8
1982[a]	59,841	21,046	7,468	31,327	35.2	12.5	52.4

NOTE: Because of rounding, detail may not add to total.
[a]Preliminary.
Source: See table 45. Expenditures for each beverage type based on previous year's share and adjusted for changes of consumption and price.

Table 48. Alcohol Beverage Expenditures for Personal and Business Consumption, 1959-1982

(Millions of Dollars)

Year	For Personal Consumption			For Business Consumption	Total Retail Expenditures
	On Premise	Off Premise	Total		
1959	4,075	6,317	10,392	2,218	12,610
1960	4,189	6,452	10,461	2,549	13,010
1961	4,350	6,525	10,875	2,665	13,540
1962	4,594	6,959	11,553	2,672	14,225
1963	4,828	7,242	12,070	2,760	14,830
1964	4,984	7,574	12,558	3,147	15,705
1965	5,210	7,895	13,105	3,295	16,400
1966	5,553	8,428	13,981	3,428	17,409
1967	5,861	8,791	14,652	3,348	18,000
1968	6,254	9,800	16,054	3,645	19,699
1969	6,437	10,944	17,381	3,893	21,274
1970	6,977	12,257	19,234	4,101	23,335
1971	7,079	13,714	20,793	4,433	25,226
1972	7,687	14,818	22,505	4,797	27,302
1973	8,480	15,739	24,219	5,054	29,273
1974	9,069	17,165	26,234	5,323	31,557
1975	9,917	18,466	28,383	5,668	34,051
1976	10,713	19,423	30,136	6,580	36,716
1977	11,782	20,691	32,473	7,184	39,657
1978	12,886	22,044	34,930	8,001	42,931
1979	14,512	24,814	39,326	8,915	48,241
1980	16,159	27,742	43,901	9,571	53,472
1981	17,569	29,862	47,431	10,465	57,896
1982[a]	18,326	30,761	49,087	10,754	59,841

[a]Preliminary.

Source: On-premise, off-premise expenditures, *Survey of Current Business*, U.S. Department of Commerce, Bureau of Economic Analysis. Business expenditures for 1959-1967 estimated by U.S. Department of Commerce, Bureau of Economic Analysis. Business expenditures for 1968-1982 estimated by DISCUS.

Table 49. Percentage of On- and Off-Premise Spirit Sales in Control States, 1982

State	Off Premise	On Premise
	Percentage	
Alabama	91	9
Idaho	70	30
Iowa	66	34
Maine	79	21
Michigan	79	21
Mississippi	91	9
Montana[a]	43	57
New Hampshire	89	11
North Carolina	93	7
Ohio	67	33
Oregon	72	28
Pennsylvania	72	28
Utah	100	0
Vermont	76	24
Virginia	88-89	11-12
Washington	71	29
West Virginia	85	15
Wyoming	49	51
Weighted Average	**78**	**22**

[a]On-premise sales in Montana may be less than shown because package sales are made by on-premise outlets.

Source: Information provided by Control State officials.

STATE AND LOCAL CONTROLS

Local Option—The choice of whether to permit or prohibit the local sale of distilled spirits, wine, or beer is decided by balloting of local voters in 39 states on the basis of laws or state constitutional provisions adopted after the repeal of Prohibition in 1933. Eleven states allow sales of alcohol beverages statewide and do not have local option.

Sales of distilled spirits in 1982 were legal in 2,650 of the 3,073 counties or similar political divisions of the U.S. (Table 51). These "wet"[1] counties represented 96.4 percent of the total U.S. population in 1980 (Table 50). Four hundred twenty-three "dry" counties continued to ban sales of spirits except for private clubs in certain counties.

Local options in 1982 changed from dry to wet in 10 counties in four states. Population of the new wet counties is estimated at 212,000. No shift from wet to dry option occurred in any county in 1982 (Table 54).

Retail Outlets—Licenses issued by government authorities to sell distilled spirits have about kept pace with the increase of population in the U.S. Total licenses per thousand population in 1982 for the entire nation were about the same as in 1981. A total of 276,080 licenses were issued in 1982, 146,548 for on-premise sales and 59,085 for off-premise sales. The number of licenses issued or outlets in each state are shown in Table 52.

Legal Age—The legal minimum age for purchasing distilled spirits varies from state to state, ranging from 18 to 21 as shown in Table 53. New Jersey increased the legal age in 1982 from 19 to 21 while Connecticut and New York raised the legal drinking age from 18 to 19. No reductions in the legal age were reported. (January 1983).

Those of legal age who could purchase spirits increased to 159.7 million in 1982 from the 123.7 million in 1970 or by 29.1 percent.

[1] Jurisdictions which allow sales only in private clubs but not elsewhere are *not* classified as wet.

Table 50. Wet[a] and Dry[b] Population for Consumption of Distilled Spirits by State, 1982

(000)

State	Total Population	Wet[a] Population	Percentage Wet	Dry[b] Population	Percentage Dry
United States Total	**226,505**	**218,411**	**96.4**	**8,094**	**3.6**
Alabama	3,890	2,919	75.0	971	24.9
Alaska	400	400	100.0		
Arizona	2,718	2,718	100.0		
Arkansas	2,286	1,322	57.8	964	422
California	23,669	23,669	100.0		
Colorado	2,889	2,889	100.0		
Connecticut	3,108	3,108	100.0		
Delaware	595	595	100.0		
District of Columbia	638	638	100.0		
Florida	9,740	9,605	98.6	135	1.4
Georgia	5,464	4,569	83.6	895	16.4
Hawaii	965	965	100.0		
Idaho	944	944	100.0		
Illinois	11,418	11,418	100.0		
Indiana	5,490	5,490	100.0		
Iowa	2,913	2,913	100.0		
Kansas	2,363	2,316	98.0	47	2.0
Kentucky	3,661	2,185	59.7	1,476	40.3
Louisiana	4,204	4,142	98.5	62	1.5
Maine	1,125	1,125	100.0		
Maryland	4,216	4,216	100.0		
Massachusetts	5,737	5,737	100.0		
Michigan	9,258	9,258	100.0		
Minnesota	4,077	4,077	100.0		
Mississippi	2,521	1,851	73.4	670	26.6
Missouri	4,917	4,917	100.0		
Montana	787	787	100.0		
Nebraska	1,570	1,569	99.9	1	0.1
Nevada	799	799	100.0		
New Hampshire	921	921	100.0		
New Jersey	7,364	7,364	100.0		
New Mexico	1,300	1,300	100.0		
New York	17,557	17,557	100.0		
North Carolina	5,874	5,767	98.2	107	1.8
North Dakota	653	653	100.0		
Ohio	10,797	10,797	100.0		
Oklahoma	3,025	3,025	100.0		
Oregon	2,633	2,633	100.0		
Pennsylvania	11,867	11,867	100.0		
Rhode Island	947	947	100.0		
South Carolina	3,119	3,119	100.0		
South Dakota	690	677	98.1	13	1.9
Tennessee	4,591	3,312	72.2	1,279	27.8
Texas	14,228	12,892	90.6	1,336	9.4
Utah	1,461	1,461	100.0		
Vermont	511	511	100.0		
Virginia	5,346	5,251	98.2	95	1.8
Washington	4,130	4,130	100.0		
West Virginia	1,950	1,908	97.9	42	2.1
Wisconsin	4,705	4,705	100.0		
Wyoming	471	471	100.0		

NOTE: Because of rounding, detail may not add to total. Percentages were calculated before rounding. Compiled from county population estimates for July 1, 1980, based on wet and dry status as of Dec. 31, 1982.

[a] Fully or partially wet counties.

[b] In some dry counties, spirits are permitted to be sold in private clubs.

Sources: Bureau of the Census, U.S. Department of Commerce; Distilled Spirits Council of the United States, Inc.

Table 51. Legal Age to Purchase Distilled Spirits and Number of Counties or Other Political Subdivisions Permitting and Prohibiting Sale, by State, 1982

State	Legal Age	Number of Counties / Political Subdivisions					
		Permitting Sale					
		By Package or Drink	By Package Only	Without Outlets	Total	Prohibiting Sale	Total
Alabama	19	39	1	—	40	27	67
Alaska[a]	19	4	—	—	4	—	4
Arizona	19	15	—	—	15	—	15
Arkansas	21	28	3	—	31	44[b]	75
California	21	58	—	—	58	—	58
Colorado	21	63	—	—	63	—	63
Connecticut	19	8	—	—	8	—	8
Delaware	20	3	—	—	3	—	3
Florida	19	56	4	—	60	7	67
Georgia	19	41	58	5	104	55	159
Hawaii	18	4	—	—	4	—	4
Idaho	19	43	1	—	44	—	44
Illinois	21	102	—	—	102	—	102
Indiana	21	92	—	—	92	—	92
Iowa	19	99	—	—	99	—	99
Kansas	21	94	4	—	98	7[c]	105
Kentucky	21	20	18	2	40	80	120
Louisiana[d]	18	59	2	—	61	3	64
Maine	20	16	—	—	16	—	16
Maryland[e]	21	23	—	—	23	—	23
Massachusetts	20	14	—	—	14	—	14
Michigan	21	83	—	—	83	—	83
Minnesota	19	87	—	—	87	—	87
Mississippi	21	39	8	2	49	33	82
Missouri[f]	21	97	17	—	114	—	114
Montana	19	56	—	—	56	—	56
Nebraska	20	91	1	—	92	1	93
Nevada	21	16	—	—	16	—	16
New Hampshire	20	10	—	—	10	—	10
New Jersey	21	21	—	—	21	—	21
New Mexico	21	32	—	—	32	—	32
New York[g]	19	62	—	—	62	—	62
North Carolina	21	22	70	2	94	6	100
North Dakota	21	53	—	—	53	—	53
Ohio	21	87	1	—	88	—	88
Oklahoma	21	—	77	—	77	—	77
Oregon	21	36	—	—	36	—	36
Pennsylvania	21	67	—	—	67	—	67
Rhode Island	20	5	—	—	5	—	5
South Carolina	21	46	—	—	46	—	46
South Dakota	21	65	—	—	65	2	67
Tennessee	19	33	3	—	36	59[h]	95
Texas	19	154	11	—	165	89[i]	254
Utah	21	24	5	—	29	—	29
Vermont	18	14	—	—	14	—	14
Virginia[j]	21	52	32	4	88	7	95
Washington	21	39	—	—	39	—	39
West Virginia	18	52	—	—	52	3[k]	55
Wisconsin	18	72	—	—	72	—	72
Wyoming	19	23	—	—	23	—	23
Total		**2,319**	**316**	**15**	**2,650**	**423**	**3,073**

[a] Political subdivisions only—no counties.
[b] Thirty-two of these counties are legally dry but permit sales by private clubs.
[c] Six of these counties are legally dry but permit sales by private clubs.
[d] Parishes.
[e] Does not include independent city of Baltimore, which permits legal sales.
[f] Does not include independent of St. Louis, which permits legal sales.
[g] New York data are for 1981.
[h] Thirty-four of these counties are legally dry but permit sales by private clubs.
[i] Sixty-six of these counties are legally dry but permit sales by private clubs.
[j] Does not include 37 independent cities: 5 permit legal package sales only and 32 authorize sales by-the-drink or by package and drink.
[k] Two of these counties are legally dry but permit sales by private clubs.

Source: Bureau of the Census, U.S. Department of Commerce; Distilled Spirits Council of the United States, Inc.

Table 52. Number of Retail Outlets or Licenses Issued for the Sale of Distilled Spirits, Number of Outlets/Licenses per 1,000 Population, and Number of Persons per Outlet/License, 1982

State	Number of Outlets/Licenses				Total Population July 1, 1982 (000)	Number of Outlets/Licenses per 1,000 Population				Number of Persons per Outlet/License			
	On Premise	Off Premise	On and Off Premise	Total Licenses		On Premise	Off Premise	On and Off Premise	Total Licenses	On Premise	Off Premise	On and Off Premise	Total Licenses
LICENSE STATES													
Alaska	759	446	—	1,205	438	1.73	1.01	—	2.75	577	982	—	364
Arizona	1,275	1,361	1,523	4,159	2,860	0.45	0.48	0.53	1.45	2,243	2,101	1,878	688
Arkansas	553	676	—	1,229	2,291	0.24	0.30	—	0.54	4,143	3,389	—	1,864
California	14,274	11,416	—	25,690	24,724	0.58	0.46	—	1.04	1,732	2,166	—	962
Colorado	3,687	1,373	—	5,060	3,045	1.21	0.45	—	1.66	826	2,218	—	602
Connecticut	3,341	1,869	—	5,210	3,153	1.06	0.59	—	1.65	944	1,687	—	605
Delaware	456	293	177	926	602	0.76	0.49	0.29	1.54	1,320	2,055	3,401	650
District of Columbia	821	347	—	1,168	631	1.30	0.55	—	1.85	769	1,818	—	540
Florida	1,311	568	6,284	8,163	10,416	0.13	0.05	0.60	0.78	7,945	18,338	1,658	1,276
Georgia	1,773	1,586	—	3,359	5,639	0.31	0.28	—	0.60	3,180	3,555	—	1,679
Hawaii	1,071	769	—	1,840	994	1.08	0.77	—	1.85	928	1,293	—	540
Illinois	—	—	19,932	19,932	11,448	—	—	1.74	1.74	—	—	574	574
Indiana	1,193	1,704	3,495	6,392	5,471	0.22	0.31	0.64	1.17	4,586	3,211	1,565	856
Kansas	1,182	1,114	—	2,296	2,408	0.49	0.46	—	0.95	2,037	2,162	—	1,049
Kentucky	1,217	904	88	2,209	3,667	0.33	0.25	0.02	0.60	3,013	4,056	41,670	1,660
Louisiana	6,747	2,742	—	9,489	4,362	1.55	0.63	—	2.18	647	1,591	—	460
Maryland	554	1,065	3,261	4,880	4,265	0.13	0.25	0.76	1.14	7,699	4,005	1,308	874
Massachusetts	6,214	1,790	—	8,004	5,781	1.07	0.31	—	1.38	930	3,230	—	722
Minnesota	2,375	700	1,112	4,187	4,133	0.57	0.17	0.27	1.01	1,740	5,904	3,717	987
Missouri	—	4,110	4,295	8,405	4,951	—	0.83	0.87	1.70	—	1,205	1,153	589
Nebraska	430	564	2,058	3,052	1,586	0.27	0.36	1.30	1.92	3,688	2,812	771	520
Nevada	926	599	839	2,364	881	1.05	0.63	0.95	2.68	951	1,471	1,050	373
New Jersey	1,460	1,947	8,109	11,516	7,438	0.20	0.26	1.09	1.55	5,095	3,820	917	646
New Mexico	217	79	1,308	1,604	1,359	0.16	0.06	0.96	1.18	6,263	17,203	1,039	847
New York*	23,672	4,098	—	27,770	17,659	1.34	0.23	—	1.57	746	4,309	—	636
North Dakota	77	91	1,065	1,233	670	0.11	0.14	1.59	1.84	8,701	7,363	629	543
Oklahoma	—	831	—	831	3,177	—	0.26	—	0.26	—	3,823	—	3,823
Rhode Island	1,448	311	—	1,759	958	1.51	0.32	—	1.84	662	3,080	—	545
South Carolina	1,542	1,151	—	2,693	3,203	0.48	0.36	—	0.84	2,077	2,783	—	1,189
South Dakota	886	585	—	1,471	691	1.28	0.85	—	2.13	780	1,181	—	470
Tennessee	954	572	—	1,526	4,651	0.21	0.12	—	0.33	4,875	8,131	—	3,048
Texas	7,813	3,458	—	11,271	15,280	0.51	0.23	—	0.74	1,956	4,419	—	1,356
Wisconsin	12,699	1,763	—	14,462	4,765	2.67	0.37	—	3.04	375	2,703	—	329
Subtotal License States	**100,927**	**50,882**	**53,546**	**205,355**	**163,597**	**0.62**	**0.31**	**0.33**	**1.26**	**1,621**	**3,215**	**3,055**	**797**
CONTROL STATES													
Alabama	2,090	136	—	2,226	3,943	0.53	0.03	—	0.56	1,887	28,993	—	1,771
Idaho	885	132	—	1,017	965	0.92	0.14	—	1.05	1,090	7,311	—	949
Iowa	4,610	212	—	4,822	2,905	1.59	0.07	—	1.66	630	13,703	—	602
Maine	1,168	130	—	1,298	1,133	1.03	0.11	—	1.15	970	8,715	—	873
Michigan	9,217	3,883	—	13,100	9,109	1.01	0.43	—	1.44	988	2,346	—	695
Mississippi	584	677	—	1,261	2,551	0.23	0.27	—	0.49	4,368	3,768	—	2,023
Montana	—	145	1,528	1,673	801	—	0.18	1.91	2.09	—	5,524	524	479
New Hampshire	1,014	70	—	1,064	951	1.07	0.07	—	1.14	938	13,586	—	877
North Carolina	1,143	385	—	1,528	6,019	0.19	0.06	—	0.25	5,266	15,634	—	3,939
Ohio	11,867	427	—	12,294	10,791	1.10	0.04	—	1.14	909	25,272	—	878
Oregon	1,531	231	—	1,762	2,649	0.58	0.09	—	0.67	1,730	11,468	—	1,503
Pennsylvania	4,030	726	15,032	19,788	11,865	0.34	0.06	1.27	1.67	2,944	16,366	789	600
Utah	164	113	163	440	1,554	0.11	0.07	0.10	0.28	9,476	13,752	9,534	3,532
Vermont	1,069	63	—	1,132	516	2.07	0.12	—	2.19	483	8,190	—	456
Virginia	1,855	245	—	2,100	5,491	0.34	0.04	—	0.38	2,960	22,412	—	2,615
Washington	2,481	376	—	2,857	4,245	0.58	0.09	—	0.67	1,711	11,290	—	1,486
West Virginia	1,229	157	—	1,386	1,948	0.63	0.08	—	0.71	1,585	12,408	—	1,405
Wyoming	684	96	178	958	502	1.36	0.19	0.35	1.91	734	5,229	2,820	524
Subtotal Control States	**45,621**	**8,204**	**16,901**	**70,726**	**67,938**	**0.67**	**0.12**	**0.25**	**1.04**	**1,489**	**8,282**	**4,020**	**961**
TOTAL UNITED STATES	**146,548**	**59,086**	**70,447**	**276,081**	**231,535**	**0.63**	**0.26**	**0.30**	**1.19**	**1,580**	**3,919**	**3,287**	**839**

NOTE: Because of rounding, detail may not add to total.
*New York outlet data are for 1981.

Table 53. Legal Minimum Age for Purchases of Distilled Spirits, January 1983 and Legal Age Population by State, July 1982

State	Legal Age Minimum	Legal Age Population (000)
License States		
Alaska	19	290
Arizona	19	2,001
Arkansas	21	1,525
California	21	16,897
Colorado	21	2,045
Connecticut	19	2,312
Delaware	20	419
District of Columbia	21	455
Florida	19	7,822
Georgia	19	3,903
Hawaii	18	716
Illinois	21	7,692
Indiana	21	3,619
Kansas	21	1,628
Kentucky	21	2,422
Louisiana	18	3,020
Maryland	21	2,909
Massachusetts	20	4,142
Minnesota	19	2,915
Missouri	21	3,355
Nebraska	20	1,088
Nevada	21	606
New Jersey	21	5,156
New Mexico	21	859
New York	19	12,834
North Dakota	21	441
Oklahoma	21	2,123
Rhode Island	20	690
South Carolina	21	2,089
South Dakota	21	451
Tennessee	19	3,307
Texas	19	10,472
Wisconsin	18	3,451
Subtotal License States		**113,654**

State	Legal Age Minimum	Legal Age Population (000)
Control States		
Alabama	19	2,740
Idaho	19	638
Iowa	19	2,057
Maine	20	782
Michigan	21	6,019
Mississippi	21	1,609
Montana	19	557
New Hampshire	20	663
North Carolina	21	4,058
Ohio	21	7,232
Oregon	21	1,809
Pennsylvania	21	8,265
Utah	21	883
Vermont	18	376
Virginia	21	3,732
Washington	21	2,883
West Virginia	18	1,405
Wyoming	19	338
Subtotal Control States		**46,046**
Total United States		**159,700**

Source: Bureau of the Census, U.S. Department of Commerce; Distilled Spirits Council of the United States, Inc.

Table 54. Summary of Local Option Changes by State, 1982

State and County	Type of Change	County Population (000)	Wet to Dry: Number of Counties	Wet to Dry: County Population (000)	Dry to Wet: Number of Counties	Dry to Wet: County Population (000)	Net Gain for Legal Sales: Number of Counties	Net Gain for Legal Sales: County Population (000)
Georgia			0	0	4	91	4	91
Douglas	Dry to Wet	55						
Johnson	Dry to Wet	9						
Monroe	Dry to Wet	15						
Pickens	Dry to Wet	12						
Mississippi			0	0	2	26	2	26
Montgomery	Dry to Wet	13						
Noxubee	Dry to Wet	13						
Texas			0	0	1	60	1	60
Ellis	Dry to Wet	60						
Virginia			0	0	3	35	3	35
Alleghany	Dry to Wet	14						
Cumberland	Dry to Wet	8						
Powhatan	Dry to Wet	13						
Total			**0**	**0**	**10**	**212**	**10**	**212**

Compiled from county population estimates for July 1, 1980, and based on status as of Dec. 31, 1982.

Sources: Bureau of the Census, U.S. Department of Commerce; Distilled Spirits Council of the United States, Inc.

GLOSSARY

Alcohol—see Neutral spirits.

Alternative devices—see *Strip stamp*

Apparent consumption—volume of distilled spirits sold at retail to consumers or moving toward retail sale. In most Control States consumption is based on retail sales in state liquor stores except in Mississippi and Wyoming where it is based on sales to private retailers by state-operated warehouses. In most License States consumption is based on reported gallonage on which state taxes have been paid, or on dollar tax revenues collected from wholesalers as reported by state revenue authorities. In the latter case, volume is determined by dividing revenues collected by the tax rate per gallon. In Alaska, Georgia, Missouri, South Carolina, and South Dakota, consumption is based on distiller sales to wholesalers. In Hawaii they are based on seminannual tax data and in Wisconsin, based on sales by wholesalers to retailers.

Actual ingestion by consumers occurs sometime after tax collections, wholesale shipments, and retail sales have been made. Stock changes at retail and in the home, which affect measurement of consumer intake, are not accounted for in these estimates. Also, certain other factors, especially tourist and cross-border sales, may distort individual state estimates.

BATF (Bureau of Alcohol, Tobacco, and Firearms)—agency in the U.S. Treasury Department that regulates production and marketing of distilled spirits and enforces federal regulations governing the operations of distillers, bottlers, importers, wholesalers, and others engaged in production and marketing of alcohol beverages.

Brandy[1]—an alcohol distillate from the fermented juice, mash, or wine of fruit, or from the residue thereof, produced at less than 190 proof, in such manner that the distillate possesses the taste, aroma, and characteristics generally attributed to the product, and bottled at not less than 80 proof. Fruit brandy derived from grapes may be designated grape brandy or brandy. Fruit brandy, other than grape brandy, derived from one variety of fruit, should be designated by the word "brandy" qualified by the name of such fruit (for example, "peach brandy"), except that "apple brandy" may be designated **applejack.**

Cognac—grape brandy distilled in the Cognac region of France, which is entitled to be so designated by the laws and regulations of the French Government.

Neutral brandy—brandy produced at more than 170 proof.

Charcol filtered—use of charcoal or activated carbon to remove certain substances from alcohol distillates by absorption.

Cocktails and mixed drinks—alcohol beverages produced by mixing one or more alcohol beverage (whiskey, gin, vodka, rum, brandy, liqueurs, wine, or beer) with or without flavorings, eggs, non-alcohol beverages, juices, or water.

Cognac—*see Brandy.*

Commercial exports—shipments of distilled spirits to foreign destinations for commercial resale. Does not include shipments to U.S. military and diplomatic establishments outside of the United States or foreign merchandise passing through the United States in transit from one country to another.

Congeners—constituents in beverage spirits that impart flavor and aroma resulting from fermentation, distillation, and maturation.

Control states—eighteen states in which a government monopoly exists for off-premise sales of distilled spirits at retail, wholesale, or both. Beer and wine generally sold in private outlets. Control States include: Alabama, Idaho, Iowa, Maine, Michigan, Mississippi, Montana, New Hampshire, North Carolina, Ohio, Oregon, Pennsylvania, Utah, Vermont, Virginia, Washington, West Virginia, and Wyoming. Montgomery County, Md., also has a monopoly of sales through county wholesale and retail outlets.

[1]Brandy and other spirit definitions have been derived from *Regulations Under the Federal Alcohol Administration Act, Part 5, Subpart C,* Standards of Identity for Distilled Spirits, (Title 27, Code of Federal Regulations).

Cordials—see *Liqueurs or cordials.*

Distillation—partial vaporization and condensation to concentrate beverage spirits through separation from water and other fermented components. Ethyl alcohol vaporizes at 172.9 degrees Fahrenheit (78.3 degrees Celsius). When the fermented liquid is heated to the boiling point of alcohol but below that of water, the vapors of alcohol and the desired flavor components can be drawn off and condensed.

Distillers' dried grains—residues that result from drying the solids and liquids remaining after distillation.

Doubling—further distillation to acquire an additional degree of refinement.

Excise tax—tax levied on commodities and services. The federal excise tax on distilled spirits is $10.50 per proof gallon. License and Control States levy excise taxes on distilled spirits on the basis of wine gallons, liters, or value.

Feints—the third fraction of the distillation cycle derived from the distillation of low wines in a pot still. Also, the undesirable constituents (mostly aldehydes and fusel oil) of the wash that are removed during the distillation of grain whiskey in a continuous still.

Foreshots—the first fraction of the distillation cycle derived from the distillation of low wines in a pot still.

Fusel oil—heavier, pungent-tasting alcohols produced during fermentation. Fusel oil is composed of approximately 70 percent amyl alcohols, 15 percent butyl alcohols, and 5 percent other alcohols.

Gin—a product obtained by original distillation from mash, or by redistillation of distilled spirits, or by mixing neutral spirits, with or over juniper berries and other aromatics or extracts, including mixtures of gin and neutral spirits. Gin must derive its main characteristic flavor from juniper berries and must be bottled at not less than 80 proof.

Grain spirits and grain neutral spirits—neutral spirits distilled from a fermented mash of grain. Qualities developed during storage in oak containers distinguish grain spirits from grain neutral spirits.

Heads—distillate containing a high percentage of low-boiling components such as aldehydes.

High wines—beverage spirit distillates that have undergone complete distillation.

License state—states where private individuals can obtain licenses to sell distilled spirits. Thirty-two states and the District of Columbia permit such private sales. Wyoming, Mississippi, and to a major extent Michigan issue licenses for private sales at retail but sales at wholesale are by state-operated warehouses.

Limestone water—water with special qualities making it peculiarly adaptable to fine whiskey production; primary soft water never used before for any other purpose with a proper proportion of mineral content (no iron); cool water that is pure and free from contamination of any kind.

Liqueurs or cordials—products obtained by mixing or redistilling distilled spirits with or over fruits, flowers, plants, pure juices, natural flavoring materials, and extracts with content of sugar, dextrose, or levulose, or combinations at not less than 2½ percent by weight of the finished product.

Liquid gallon—measure of volume regardless of alcohol content. May be used interchangeably with wine gallon. See Proof gallon, Tax gallon, and Wine gallon.

Local option—choice of whether to permit or prohibit the sale of distilled spirits, wine, or beer as decided by local voters. Such choice is made in 39 states on the basis of laws or state constitutional provisions adopted after the repeal of Prohibition in 1933.

Low wines—the initial product obtained by separating in a pot still the beverage spirits and congeners from the wash. Low wines are subjected to at least one more pot still distillation to attain a greater degree of refinement in the malt whiskey.

Metric system—since 1981 all spirits sold in the U.S. have been bottled in metric containers. The different sizes, usual pack per case, and equivalent gallons per case are:

Bottle Size	Usual Number of Bottles	Liters Per Case	Equivalent Gallons Per Case
1.75 liter	6	10.5	2.774
1.00 liter	12	12.0	3.170
750 ml	12	9.0	2.378
500 ml	24	12.0	3.170
375 ml	24	9.0	2.378
200 ml	48	9.6	2.536
50 ml	120	6.0	1.585

Neutral spirits or alcohol—distilled spirits produced from any material at very high proof (190 proof or above), lacking any distinctive taste, color, or odor and being neutral in character. Used for blending with straight whiskey, brandy, etc., and for making vodka, gin, liqueurs, etc.

Off-premise outlet—retail establishment selling alcohol beverages in consumer-size containers that are removed from the retail establishment and consumed elsewhere.

On-premise outlet—retail establishment where alcohol beverages are consumed in the establishment—taverns, bars, restaurants, clubs, etc. In some states these outlets also have licenses to sell for off-premise consumption.

Processing—includes blending of spirits, redistillation of spirits, and mixing of spirits with flavoring or coloring materials. Examples: blended whiskeys processed by mixing straight whiskeys with neutral spirits, flavorings, etc; or spirits redistilled to obtain flavor qualities as in the production of gin; or neutral and other spirits transformed into liqueurs or cordials by the addition of flavoring essences and other materials.

Proof—a measure of the amount of alcohol in spirits. Proof is twice the percentage of alcohol by volume. Thus, 100 proof whiskey is 50 percent alcohol by volume.

Most classes of spirits including all types of whiskey, vodka, gin, brandy, rum, and tequila are now bottled at not less than 80 proof.

Liqueurs and cocktails are usually less than 80 proof. Rye and bourbon liqueurs cannot be less than 60 proof according to U.S. Government regulations. Rock and rye, rock and brandy, etc., may not be less than 48 proof. Flavored vodka, gin, rum, and other spirits may not be less than 70 proof. Cocktails or sloe gin do not have a minimum required proof.

Proof gallon—standard U.S. gallon of 231 cubic inches at 60 degrees Fahrenheit containing 50 percent by volume of ethyl alcohol (100° proof).

Rum—an alcohol distillate from the fermented juice of sugar cane, sugar cane syrup, sugar cane molasses, or other sugar cane by-products, produced at less than 190 proof in such manner that the distillate possesses the taste, aroma, and characteristics generally attributed to rum, and bottled at not less than 80 proof; also includes mixtures solely of such distillates.

Sour mash—whiskey that is made from a yeast mash soured with lactic culture for a minimum of six hours; the fermenter mash must contain at least 25 percent of stillage (the screened residue from the base of the whiskey still) and the fermenting time must be at least 72 hours.

Strip stamp—paper stamp of the U.S. Bureau of Alcohol, Tobacco, and Firearms, affixed over the closure of a bottle of distilled spirits. Strip stamps were formerly used to indicate payment of taxes but have not been used for this purpose in recent years. Green stamps are for bottled-in-bond spirits, red stamps for most other distilled spirits.

Since 1980, BATF has approved the use of alternative devices for strip stamps. These closures are affixed to bottled distilled spirits in lieu of strip stamps, e.g., vacuum-formed aluminum caps.

Supplier price index—representative prices charged by distillers, importers, and other suppliers of distilled spirits inclusive of federal excise tax and import duty, calculated in an index by the Distilled Spirits Council of the United States, Inc.

Tails—residual alcohol distillate containing high-boiling components such as fusel oils and organic acids.

Tax gallon—unit of distilled spirits on which the federal excise tax is levied. The federal excise tax on all spirits is $10.50 per 100° proof gallon so that a tax gallon is equivalent to a proof gallon. Before Jan. 1, 1980, imports of bottled distilled spirits were taxed at $10.50 per *wine* gallon, regardless of proof.

Tequila—an alcohol distillate from a fermented mash derived principally from the *Agave tequilana weber* ("blue" variety), with or without additional fermentable substances, distilled in such a manner that the distillate possesses the taste, aroma, and characteristics generally attributed to tequila and bottled at not less than 80° proof; also includes mixtures solely of such distillates. Tequila is a distinctive product of Mexico, manufactured in Mexico in compliance with the laws of Mexico.

UNIMERC-Universal Numeric Code—a 21-digit code for distilled spirits, beer, and wine that identifies class, type, brand, supplier, proof, age, size, and type of packaging. UNIMERC is used extensively for identification of products of the alcohol beverage industry. The Bureau of Alcohol, Tobacco, and Firearms utilizes the UNIMERC system in classifying alcohol beverage products and also in assigning vendor codes. Connecticut, Maryland, Missouri, and New York utilize UNIMERC in whole or in part for their regulatory systems. Private firms also use the code for record keeping and for other purposes. The Distilled Spirits Council of the United States, Inc., assigns UNIMERC codes and maintains records of code assignments.

UPC-Universal Product Code—a 10-digit number and a machine readable bar symbol representing this number, which uniquely identifies a product for purposes of pricing at retail point of sale and for recording inventory. For distilled spirits and wine, the first digit of the code consist of an 8 followed by the four-digit vendor number of the producer, bottler, or importer that has been assigned by BATF. The last five digits are assigned to each product by the producer, bottler, or importer. Symbols and code numbers are printed on labels and otherwise affixed to bottles, boxes, and cases to identify a particular product by brand, size, and price.

Vodka—a type of neutral spirit so distilled or treated after distillation with charcoal or other materials as to be without distinctive character, aroma, taste, or color.

Wash—liquid obtained by fermenting wort with yeast.

Wet county—county (or similar governmental jurisdiction) whose voters have approved the legal sale of beverage alcohol. Jurisdictions that allow sale only in private clubs but not elsewhere are *not* classified as wet.

Whiskey (American, Irish) or Whisky (Scotch, Canadian)—alcohol distillate from a fermented mash of grain, distilled at less than 190 proof in such manner that the distillate possesses the taste, aroma, and characteristics generally attributed to whiskey. Aged in oak barrels and bottled at not less than 80 proof.

American

Bourbon whiskey—whiskey produced at not exceeding 160 proof from a fermented mash of not less than 51 percent corn, and stored at not more than 125 proof in charred new oak containers; also includes mixtures of such whiskeys of the same type.

Rye whiskey—same as bourbon except that it must be produced from not less than 51 percent rye.

Corn whiskey—whiskey produced at not exceeding 160 proof from a fermented mash of not less than 80 percent corn grain, and if stored in oak containers has been stored at not more than 125 proof in used or uncharred new oak containers and has not been subjected in any manner to treatment with charred wood.

Light whiskey—whiskey produced in the United States at more than 160 proof, on or after Jan. 26, 1968, and stored in used or uncharred new oak containers.

Straight whiskey—homogeneous whiskeys stored in new oak containers for a period of two years or more may be designated as straight whiskey, for example, "straight bourbon whiskey," "straight corn whiskey."

Blended whiskey—a mixture which contains at least 20 percent of straight whiskey on a proof gallon basis and separately or in combination contains whiskey or neutral spirits.

Bonded whiskey—straight whiskey that has been stored continuously for at least four years in wooden barrels and bottled at 100 proof. After storage, such whiskey is entitled to be labeled as bottled-in-bond and sealed with U.S. green strip stamps.

The term bottled-in-bond is not a guarantee of quality, but refers only to the regulatory procedure under which it is bottled.

Foreign (imported) Whiskey

Scotch, Irish, Canadian whiskey—distinctive products of Scotland, Ireland, and Canada respectively, manufactured in compliance with the laws of these countries.

Wine gallon (bulk or liquid gallon)—measure of liquid volume, regardless of alcohol content. The standard U.S. wine gallon contains 231 cubic inches at 60°F. See also Liquid gallon, Proof gallon, Tax gallon.

Withdrawals—the quantity of distilled spirits removed from government-inspected premises. *Tax-paid* withdrawals are the amount of spirits on which federal excise taxes have been paid. *Tax-free* withdrawals are withdrawals of spirits that have been exempted from federal excise taxes. Examples of tax-free withdrawals are denatured alcohol, shipments destined for export, alcohol for use in hospitals, and distilled spirits for use by the United States Government.

The all-in-bond system of taxation introduced in 1980 shifted the point at which withdrawals are measured to the point of shipment of packaged products. Formerly measurement was at the point of dumping for processing and bottling.

Wort—liquid drained off the mash-tub and containing maltase, a grain sugar derived from the conversion of starch during the mashing process by the action of the organic enzyme, maltase, found in barley malt.

Zymase—a yeast biochemical catalyst which produces ethyl alcohol and carbon dioxide from sugars.

SELECTED STATISTICAL SOURCES

Sources of statistics on distilled spirits that have come to the attention of the editors are listed below. Additional source materials will be included as they become available in the future.

Association of Canadian Distillers, The
Canadian and Imported Spirits: the Five-Year Summary, 1974-1978
Canadian spirits' market by class, sales by province by class, domestic and imported sales by province and class, per capita consumption by province, whisky cost breakdown, excise duties and taxes, consumer price indices, exports by country of destination.

Brewers Association of Canada
Alcohol Beverage Taxation and Control Policies: International Survey
Per capita consumption of alcohol beverages and other statistics for Austria, Belgium, Canada, Czechoslovakia, Denmark, Finland, France, Hungary, Ireland, Italy, Japan, Netherlands, New Zealand, Norway, Poland, Spain, Sweden, Switzerland, United Kingdom, United States, and West Germany.

Brewers' Society, The
United Kingdom Statistical Handbook
Beer production and consumption; brewing materials; wines, spirits, cider, soft drinks, inter-drink comparisons; prices and expenditures; excise and customs duties on beer, wine, spirits; licensing statistics; drunkenness statistics; population in the United Kingdom; structure of the U.K. brewing industry; international statistics on beer production and consumption; wine and distilled spirits consumption.

Bureau of Alcohol, Tobacco and Firearms, U.S. Department of the Treasury
Monthly Statistical Report—Distilled Spirits (Report 76)
Distilled Spirits production by class and type, bottling for domestic use and export, stocks, strip stamp usage by container size (quarterly), materials used in production.

Bureau of Alcohol, Tobacco and Firearms, U.S. Department of the Treasury
Summary Statistics: Distilled Spirits, Wine, Beer, Tobacco, Firearms, Enforcement, Taxes ATF P 1323.1 (annual)
Distilled spirits plants, materials used, production, bottling, withdrawals, losses and stocks; *breweries,* materials used, production, removals and stocks; *wineries, wine cellars,* materials used, production, withdrawals, losses, stocks.

California Brandy Advisory Board (CBAB) (Prepared by the Wine Institute for CBAB)
Brandy Statistics (monthly)
Brandy production, withdrawals, and inventories.

Cognac, Bureau National du; Division de la Statistique et du Controle des Ages
Cognac Statistiques Annees Civiles (annual)
Cognac sales and exports by country of destination.

Cognac, Bureau National du
Rapport sur la Situation et l'Évaluation du Marché du Cognac et du Pineau des Charentes (annual)
History, description, and delimitation of the Cognac district of France; regulations governing production and distribution of Cognac; Cognac and brandy production, stocks, sales, consumption, taxation, and exports by country of destination, 1946-1979/80.

Commerce Clearing House, Inc.
State Tax Handbook
Includes tax laws and provisions on distilled spirits by state.

Commerce Clearing House, Inc.
State Tax Review (weekly)
Includes tax law changes affecting spirits.

DISCUS
Facts Book: Public Attitudes and Economic Patterns (annual)
Legal age population; industry contributions to the economy and to other industries; price changes; consumers' tax burden; consumer expenditures on alcohol beverages; sales and consumption of distilled spirits; Federal, state, and local revenues from alcohol beverages.

DISCUS
Public Revenues From Alcohol Beverages (annual)
Federal, state, and local revenues from distilled spirits, wine, and beer, current and historical; import duties, Federal and License State excise rates; per capita apparent consumption; and state and local tax structures by state.

DISCUS
Summary of State Laws and Regulations Relating to Distilled Spirits (every two years)
A detailed presentation of laws and regulations, including controlling agencies, local options, advertising control, retail licenses, prohibited hours of sale, markups, taxes, licenses, registration of brands, credit restrictions, resale price maintenance, and legal age.

DISCUS
Tax Briefs (annual)
Current and historical data on Federal excise taxes on distilled spirits, wine and beer; U.S. import duties; state and local revenues from distilled spirits; state tax rates.

DISCUS
Universal Numeric Code for Alcohol Beverages, Part I Distilled Spirits
Comprehensive list and codes for distilled spirits by vendors and brands.

Jobson Publishing Corporation
The Liquor Handbook (annual)
Marketing data for the United States.

National Alcoholic Beverage Control Association, Inc.
Monthly Sales Report of Alcoholic Beverages
Annual Summary of Sales of Alcoholic Beverages in the Control State Store Systems
Monthly and annual, for each state: distilled spirits' brand leaders arrayed and ranked by case sales; case sales of distilled spirits and wines by class, type, brand, bottle size, and vendor.

National Alcoholic Beverage Control Association, Inc.
Yearbook
Statistical section includes state control information, holidays, drinking age, number of state stores and agencies, sales, case sales, consumption, marketing trends, consumer size preferences, sales penetration by control state.

Produktschap voor Gedistilleerde Dranken
Consumption of Alcoholic Beverages throughout the World (How many alcoholic beverages are being consumed throughout the world?) (published in the Netherlands, annually).
Per capita consumption of spirits, beer, wine and alcohol beverages by country, annually; production of spirits, beer and wine by country; per capita consumption of spirits, beer and wine by country.

Scotch Whisky Association
Statistical Report (annual)
Production and stocks of Scotch whiskey. Exports of Scotch and Northern Irish whiskey, historical and by country of destination.

Shanken, M., Communications, Inc.
Impact, Market Watch
Distilled Spirits market: statistics and analyses.

Statistics Canada
Canadian Statistical Review (monthly)
Canadian production of distilled spirits, producer price indices, distilleries.

Statistics Canada
Distilleries (Catalogue 32-206, annual)
Canadian production, stocks, raw materials, value added, wages.
The Control and Sales of Alcoholic Beverages in Canada (Catalogue 63-202, annual)
Canadian revenues, sales of wine, beer, and distilled spirits; production; storage; imports; exports.

United States Government
Department of Commerce, Bureau of the Census
Survey of Manufactures

Payroll, wages, value added, cost of materials, value of shipments, inventories, labor cost.
Distilled spirits except brandy

Glass Containers (monthly)
Production, shipments, and stocks by size including use for liquor

Monthly Retail Sales
Eating and drinking places
Drinking places (alcoholic beverages)
Liquor stores

Department of Commerce, Bureau of Economic Analysis
Survey of Current Business
Personal consumption expenditures
Alcoholic beverages for off-premise consumption
Other alcoholic beverages

Department of Labor, Bureau of Labor Statistics
Monthly Consumer Price Index
Whiskey

Monthly Producer Price Index
Alcoholic beverages
Whiskey

International Trade Commission
Tariff Schedules of the United States

Wine & Spirits Wholesalers of America, Inc.
Annual Performance Study
Wholesale sales by state, balance sheets by size of wholesale outlet, selected financial ratios, income statements, operating expenses by size of firm, sales by order size, costs per income, employment by size of firm, case statistics.